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ABSTRACT

Results of the 1985 North Carolina Higher Education Facilities Inventory and Utilization Study are presented, based on data for 114 colleges. Tabular data and narratives appear under four topics: utilization of instructional space, interior space characteristics, building characteristics, and accessibility of facilities to the mobility impaired. Statistics for private institutions are shown by group (major research universities, general baccalaureate colleges, and junior colleges), while data are provided for individual state colleges and universities. Information is included on: capacity/enrollment ratio, average weekly room hours of instruction in classrooms and class laboratories, and average weekly use of student stations in classrooms and class laboratories. Interior space characteristics and accessibility for the mobility impaired are covered for the following subprograms: instruction, research, and public service; academic support; student services and physical plant operations; and institutional administration and independent operations. Additional information covers: building ownership, capital investment for residential and nonresidential buildings, the condition of buildings, and estimated cost to renovate or replace buildings. A general index and institutional index are included. (SW)

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STATE OF NORTH CAROLINA
HIGHER EDUCATION COMPREHENSIVE PLANNING PROGRAM

FACILITIES INVENTORY AND UTILIZATION STUDY

1985

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HIGHER EDUCATION COMPREHENSIVE PLANNING PROGRAM

Facilities Inventory and Utilization Study
Fall of 1985

For

THE STATE OF NORTH CAROLINA

NINETEENTH EDITION

THE UNIVERSITY OF NORTH CAROLINA
Commission on Higher Education Facilities
Chapel Hill, North Carolina

September 1986

The LeRoy T. Walker Physical Education Center
North Carolina Central University

(Cover Photo)

The LeRoy T. Walker Physical Education Center at North Carolina Central University is the institution's newest facility. The four-building complex was completed in January, 1986, and cost approximately $10,000,000. It was dedicated on April 2, 1986, and was formally named by the university's Board of Trustees on June 18, 1986.

The 144,000-square foot complex houses 30 offices, 13 classrooms, and a wide assortment of sports facilities and laboratories for the university's Department of Physical Education and Recreation. It replaces McDougald Gymnasium as the primary physical education facility; McDougald, constructed in 1950, continues to be the central facility for NCCU's athletic programs.

The complex was designed by J. Hyatt Hammond Associates, Inc., of Greensboro. Program and site considerations dictated the facility's linear form and its arrangement into separate structures. These structures are: (1) an acquatics building which houses a 50-meter, eight-lane swimming pool; (2) an administration building which also contains classrooms, faculty offices, locker rooms, and a student center; (3) a gymnasium building which includes dance studios, training and weight rooms, dressing and storage rooms, offices, two teaching theaters, and practice areas for archery, riflery, and golf; and (4) a gymnastics building which includes a gymnasium designed for gymnastics and eight handball courts.

Each of the buildings has a unique facade, reflecting the different activities of the four units. They are linked by glass connectors which contain the major entrances to the complex. Specially designed windows allow indirect light to filter into most of the activity areas.

The LeRoy T. Walker Physical Education Center is named for the former head coach of the U. S. Olympic Track and Field Team, a member of the NCCU faculty from 1945-1986 and the chancellor of the university from 1983-1986.

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(Note: Chancellors and Presidents are listed as of the publication date. The Project Officers are the persons who supplied the data used in this year's study.)

Foreword

This study, the nineteenth in the annual series of facilities inventory and utilization studies, reflects the status of space in North Carolina institutions of higher education at the end of the add-drop period of the 1985 fall term at each college. It also gives some indications of the use being made of the space and provides, where feasible, norms and historical information for the past five years to enable institutions to make their own assessments of their facilities.

Statistics for private institutions are shown by group, rather than by institution, because of the agreement made with these institutions when the project was initiated. Annually, each institution is forwarded its own data and can then make a self-assessment on the basis of these data, its historical record, group data, and the norms cited for the various tables.

The purposes of this study include providing facilities data to federal and state authorities, making data on North Carolina facilities available to other Commissions for comparative purposes, and providing participating institutions with data which may be helpful in the management of their facilities. This report presents selected summary information from the quantities of data assembled in the 1985 comprehensive planning studies.

Public senior institutions; community colleges, technical colleges, and technical institutes; and private institutions throughout the state have cooperated fully in time, energy, and funds to provide data for the studies. The participating institutions are listed in the preceding section. The gathering and review of data for the studies have been accomplished through the joint effort of the agencies providing membership to the Facilities Technical Committee.

Special acknowledgement and appreciation are expressed to the following individuals for the cooperation and contributions: Philip Albano and Julian Wingfield of the Department of Community Colleges, Hope Williams of the N. C. Center for Independent Higher Education, William Kirkland of Duke University, James Pierce of N. C. Central University, and J. Patrick Jackson of The University of North Carolina-General Administration. The Project Officers of the participating institutions deserve special recognition for the tremendous job they have done in providing the basic data for this study.

The Commission staff also expresses appreciation to members of the Facilities Advisory Committee for their advice and counsel through the years.

Charles L. Wheeler
Director

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Introduction

The efficient use of campus facilities is of increasing concern to most colleges and universities. This concern is partially a reflection of the high costs involved in constructing and maintaining buildings, but it also stems from a broader recognition of the importance of facilities planning. The effective allocation and utilization of space is essential if an institution of higher education is to maximize its resources in accomplishing its objectives in the areas of instruction, research, and public service.

The primary purpose of the Facilities Inventory and Utilization Study is to provide higher education administrators with a detailed statistical profile of the facilities of their own campuses and of the other colleges and universities in North Carolina. The study also presents data which can provide the basis for comparative assessments of the extent to which space is used for instructional purposes. In short, this publication is intended as an important analytical tool for use in facilities planning. It is published annually by the State Commission on Higher Education Facilities, which is part of The University of North Carolina-General Administration.

Institutions Included

The study provides data for 114 institutions of higher education in North Carolina. This universe includes all of the sixteen public senior institutions which comprise The University of North Carolina, 40 private non-profit colleges and universities, and the 58 public two-year institutions which represent the Community College System. In addition, data are provided for North Carolina Memorial Hospital, a part of The University of North Carolina. All proprietary institutions are omitted from the study, as well as two Bible colleges (John Wesley College and Roanoke Bible College) and a theological seminary (Southeastern Baptist Theological Seminary). The participating colleges and universities are listed by type of institution on page v-x, along with the name of the President or Chancellor and the Commission's project officer for each school. An alphabetical listing of these institutions, including mailing addresses and other information, can be found on pages 198-200.

At the request of the participating private colleges and universities, individual data for these institutions are not printed in the study. Instead, totals are reported for the three principal categories of private institutions: major research universities, general baccalaureate colleges, and junior colleges. Each private institution is provided with facilities data for its own campus in order to enable it to make comparisons with the relevant group totals in the study.

Because of the unique facilities requirements of medical schools, data for the Divisions of Health Affairs at East Carolina University and the University of North Carolina at Chapel Hill are listed separately from their parent campuses. For similar reasons, the Higher Education Facilities Commission began in 1983 to list separately the data for North Carolina State University's School of Veterinary Medicine. It should be noted that the Veterinary School was first reflected in the study in 1982, but its data that year were not listed separately.

Types of Data Collected

The study is divided into four sections which reflect the four broad categories of facilities data which are reported: the utilization of instructional space, interior space characteristics, building characteristics, and accessibility of facilities to the mobility impaired. The section on the utilization of instructional space provides ratios, percentages, and indices which relate the amount of instructional activity at an institution to various categories of campus space. The section dealing with interior space characteristics statistically describes campus space by its uses and the programs to which it is assigned. It also provides data relating the size and capacities of classrooms and class laboratories. The building characteristics section focuses on such data elements as building age, condition, and replacement cost. The final section describes the amount and type of campus space which is accessible to persons who are confined to wheelchairs.

This study is designed to provide only a "snapshot" of institutional facilities at a particular point in time. Facilities data reflect all buildings which were completed as of October 1 of the year of the study. Utilization data reflect only the courses which were under way as of the drop-add period of the fall term. The data do not take into account any instructional activity that occurred during the spring semester or quarter.

It should also be noted that different types of institutions will often have very different space needs. As a result, two institutions with facilities which are equally well-utilized may have significantly different utilization data. Thus, it is generally unwise to attempt to make comparisons between two institutions which are dissimilar in terms of their levels or the instructional programs which they offer. Peer comparisons provide the most reliable means of assessment.

Procedures Used in Collecting Data

The Higher Education Facilities Commission maintains an annually updated, computer-based facilities inventory of each institution included in the study. A facilities inventory is comprised of a Building Characteristic Report and a Room Characteristic Report. The Building Characteristic Report lists and provides detailed information about each building on an institution's campus. The Room Characteristic Report lists every room in each building and provides information about its size and capacity. Each room is also coded to reflect its use and the institutional programs which it supports.

Each fall every institution supplies the Commission with a list of changes in its facilities inventory occurring since the previous fall. Most of the colleges and universities provide these data by annotating a copy of their previous year's inventory. An institution may choose, however, to provide its facilities update data by supplying the Commission with a computer tape of its current facilities inventory.

Space utilization data are based on the annual submission by each institution of a list of its fall term courses. For each course, the institution provides information indicating when and where the class meets and the number of students enrolled. Many institutions provide these data on computer tape. The others supply their utilization data on computer printouts or on specially designed utilization forms, and the Commission keys this information onto computer tape. Each institution's course data are run against its updated facilities inventory to generate the Instructional Space Utilization Report. The report indicates how effectively an institution uses its facilities and measures its need for classroom and laboratory space in relation to comparable institutions.

Schools which need help in updating their facilities inventories or compiling utilization data are given technical assistance by the Commission staff. Questions are answered by telephone, or if a problem is particularly complex, a campus visit is arranged. The Commission staff also assists institutions by taking the measurements of new buildings for which the institutions have provided blueprints.

Both the facilities inventory updates and the utilization data from each school are reviewed carefully by the Commission staff. Extensive computer edits are also used as a means of ensuring accuracy and consistency. When problems are discovered, the institutions are contacted for additional information or corrections.

Every year each institution receives two copies of its updated Building and Room Characteristic Reports and its Instructional Space Utilization Report. Also provided are two copies of the Building Data Summary Report, which analyzes in detail the institution's building data, and ten statistical tables which describe the institution's assignable area and its accessible space in terms of their use and the programs to which they are assigned. The reports and tables are also supplied to the Finance Division of The University of North Carolina-General Administration (UNC constituent institutions only), the Department of Community Colleges (two-year public institutions only), and to the Office of State Property of the Department of Administration (UNC constituent institutions only).

The *Facilities Inventory and Utilization Study* is based on the data contained in these tables and reports. It is distributed to the president or chancellor of each institution, the Commission's institutional project officers, the Higher Education Facilities Commissions in the other states, the libraries of the participating institutions, and the members of the Commission's advisory committees. Copies are available without charge to persons who request them.

Limitations and Special Situations

This study contains reliable and useful information concerning the facilities of colleges and universities in North Carolina and their utilization for instructional purposes. It is important, however, to note two limitations in the data provided.

Although campus facilities would generally be viewed as including such things as parking lots, tennis courts, and radio control towers, this study is limited to data relating to buildings. For purposes of the study, a building is defined as any roofed structure. This definition does include trailers and other mobile units.

Because of technical problems in collecting course information from medical schools and related programs, utilization data are not supplied by the Divisions of Health Affairs at East Carolina University and the University of North Carolina at Chapel Hill, or by the Bowman Gray School of Medicine, the Duke University Medical Center, North Carolina Memorial Hospital, or the North Carolina State University School of Veterinary Medicine. They are, therefore, excluded from most of the utilization tables. Separate enrollment figures are provided for these divisions, however, and Table 2 includes utilization data for the Veterinary School and the two Divisions of Health Affairs at public institutions (although these data are excluded from all totals).

Special situations exist at several institutions which create problems in reporting utilization data. The following changes in the utilization reporting procedures have been made to reflect these situations accurately and fairly in the data.

The campus of the School of the Arts is used to instruct secondary school students as well as students at the college level. To reflect this fact, the high school courses conducted on that campus were also considered in calculating student clock hours for that institution. The high school students were not included in the full-time equivalent enrollment figures for the School of the Arts, however. This has the effect of significantly underestimating the total utilization of academic space at the School of the Arts as reported in Table 2. It should also be noted that the programs conducted at the School of the Arts inherently require significantly more space per student than at other constituent institutions of The University of North Carolina. Comparisons of this institution's utilization with that of any other college or university would, therefore, be misleading.

Western Carolina University conducts a number of courses on the campus of the University of North Carolina at Asheville. Beginning in 1981, the student clock hours of UNC at Asheville reflected these WCU courses, as well as courses for WCU students sponsored by UNC at Asheville and conducted on its campus. Full-time equivalent enrollments of the WCU-sponsored courses at UNC at Asheville are, however, credited to WCU rather than to UNC at Asheville.

Gardner-Webb College offers classes on the campus of Mitchell Community College. These classes have been included in the utilization data for Mitchell but are not reflected in the full-time equivalent enrollment for that institution.

In 1985, Fayetteville State University and the University of North Carolina at Wilmington became comprehensive universities. Their 1985 data are reported under "Comprehensive Universities," but their data for prior years remain under their previous status of "General Baccalaureate Universities."

Reuben A. and Elizabeth W. Holden Visual Arts Center, Warren Wilson College

The Holden Visual Arts Center at Warren Wilson College was completed in 1985. Designed jointly by an Asheville architect and the chairman of Warren Wilson's visual arts department, the building serves as the primary site for the college's courses in design, drawing, sculpture, ceramics, and painting.

The design of the 9000-square foot facility is an equilateral triangle with attendant wings and a soaring, shed-like roof. It includes an art gallery, an auditorium, a permanent collection room, art studios, a darkroom, a kitchen, and faculty offices.

Utilization of Instructional Space

Capacity/Enrollment Ratio 9
Sq. Ft. of Academic Facilities Per FTE Student 17
Room Hours of Instruction in Classrooms 24
Room Hours of Instruction in Class
  Laboratories 30
Use of Student Stations in Classrooms 36
Use of Student Stations in Class
  Laboratories 42
Percent Student Station Utilization 48
Student Clock Hours of Instruction 55
Space Factors 58
Ranges of Space Utilization Indices 62
Space Criteria 64
FTE Enrollments 69

TABLE 1:
CAPACITY/ENROLLMENT RATIO

The capacity/enrollment ratio, often referred to as the C/E ratio, is the amount of instructional and library space on campus divided by the total fall term student clock hours of that institution. The C/E ratio relates the amount of space directly used in an institution's instructional programs to the instructional activity of the campus. It is one of the most commonly used indices of instructional utilization of institutional facilities.

In analyzing and comparing the capacity/enrollment ratios, it should be kept in mind that a relatively low ratio generally indicates a high level of space utilization. It should also be noted, however, that such factors as the level of an institution and the kind of instructional programs that it offers will affect the amount of space required and, therefore, the C/E ratio. The capacity/enrollment ratio for all institutions of higher education in North Carolina has been between 4 and 5 for many years, but the graph on page 11 confirms that this ratio varies widely by type of institution.

Instructional and Library Space

Instructional and library space is defined in terms of program codes (pages 85-88, 93-95, 102-103, 108-109, 112-113) and room use codes (page 118). It is the sum of the areas of all rooms which carry both a program designation of 11-18 (Instruction), 41 (Library Services), or 01 (Unassigned, Capable of Use), and one of the room use codes listed below, with the exception that office space is omitted from program 01:

110 Classroom
115 Classroom Service

210 Class Laboratory
215 Class Laboratory Service

220 Special Class Laboratory
225 Special Class Lab Svc.

230 Individual Study Laboratory
235 Individual Study Lab Svc.

310 Office
315 Office Service

410 Study Room
420 Stack
430 Open Stack Reading Room
440 Processing Room
455 Study Service

510 Armory
515 Armory Service

520 Athletic-Physical Ed.
525 Ath.-Phys. Ed. Svc.

Because of federal reporting requirements, all space associated with academic programs in theology (HEGIS taxonomy code 2300) is also excluded.

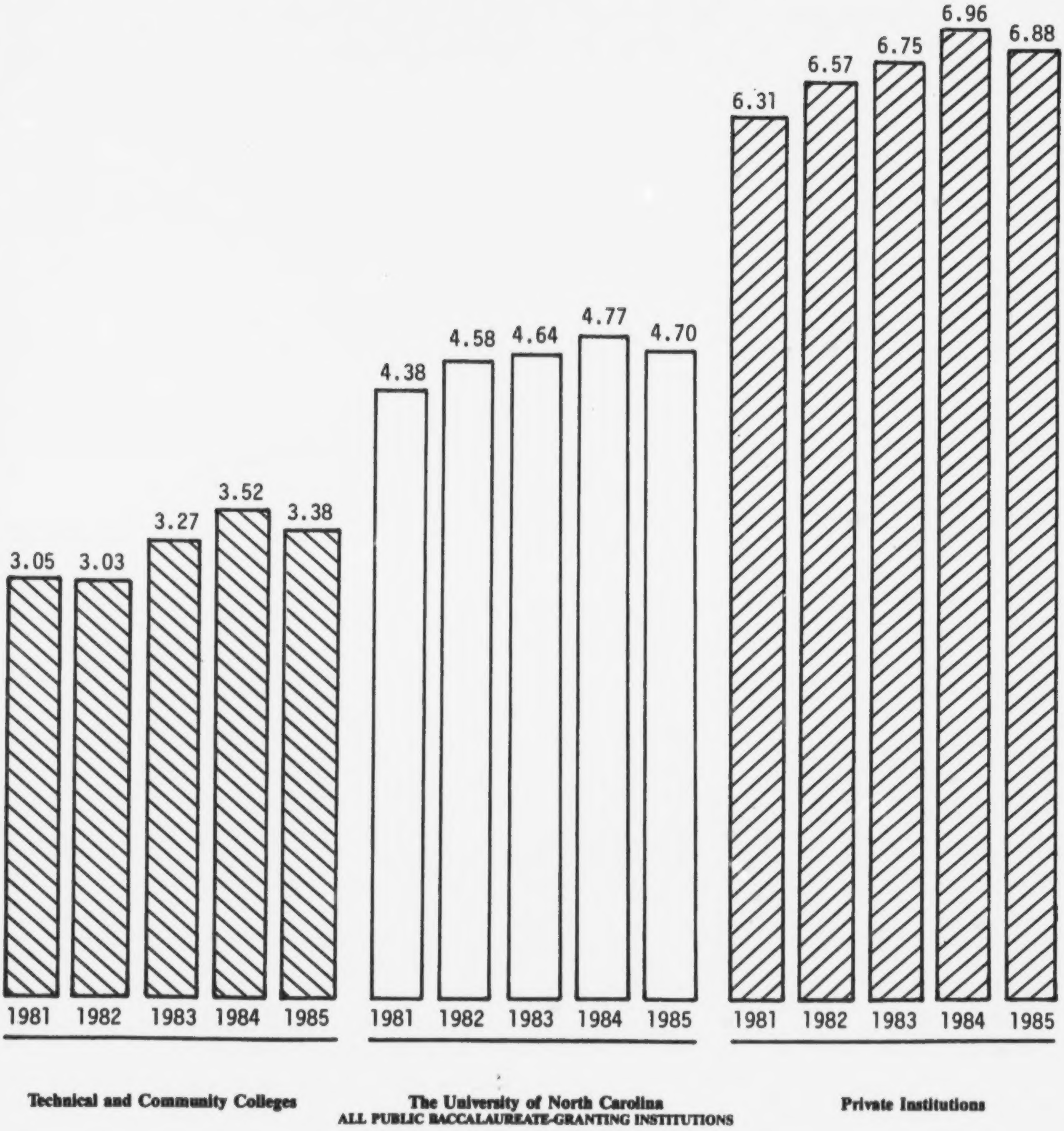
Student Clock Hours

Student clock hours is a measurement of the total weekly hours of scheduled instruction for all of an institution's students. It is computed for each course by multiplying the number of times the course meets each week by the number of hours of each course meeting (rounded to the half hour), and multiplying that product by the number of students. Thus, if a course with 20 students meets Tuesdays and Thursdays from 9:00 a.m. until 10:30 a.m., the number of student clock hours resulting from that class would be 60 (2 meetings/week x 1.5 hours/meeting x 20 students).

The student clock hours reported in this study are based upon on-campus courses, both credit and non-credit, which were in progress during the week following the add-drop period of the fall term and which lasted for at least eight weeks. More detailed student clock hour data are provided in Table 8.

$$\text{CAPACITY/ENROLLMENT RATIO} = \frac{\text{INSTRUCTIONAL \& LIBRARY SPACE}}{\text{TOTAL WEEKLY STUDENT CLOCK HOURS}}$$

CAPACITY/ENROLLMENT RATIO



Capacity/Enrollment Ratio

Table 1

INSTITUTION	ASF of Instructional & Lib. Facilities	Total Student Clock Hours	Capacity / Enrollment Ratio				
			1985	1984	1983	1982	1981
Major Research Universities:							
NC State	1,137,039	320,429.5	3.55	3.53	3.66	3.91	3.78
NC State Vet.	-	-	-	-	-	-	-
UNC-Chapel Hill	1,358,935	251,703.0	5.40	6.20	5.13	5.02	4.67
UNC-Health Aff.	-	-	-	-	-	-	-
SUBTOTAL	2,495,974	572,132.5	4.36	4.67	4.30	4.40	4.19
Other Doctoral Universities:							
UNC-Greensboro	608,784	122,080.5	4.99	5.12	5.43	5.03	5.01
Comprehensive Universities:							
Appalachian	608,062	136,896.5	4.44	4.50	4.50	4.22	4.48
East Carolina	629,913	175,618.5	3.59	3.60	3.64	3.53	3.43
ECU-Health Aff.	-	-	-	-	-	-	-
Fayetteville	176,930	38,330.0	4.62	-	-	-	-
NC A & T	510,258	87,485.0	5.83	6.41	6.32	5.59	5.27
NC Central	437,492	56,804.0	7.70	6.41	5.59	5.28	5.07
UNC-Charlotte	541,141	139,066.0	3.89	3.64	3.58	3.64	3.68
UNC-Wilmington	241,238	79,624.5	3.03	-	-	-	-
West'n Carolina	502,966	79,957.5	6.29	5.74	5.83	5.79	4.71
SUBTOTAL	3,648,000	793,782.0	4.60	4.65	4.58	4.40	4.25
Gen. Baccalaureate Universities:							
Elizabeth City	179,849	26,529.0	6.78	7.42	7.22	7.28	4.14
Fayetteville	-	-	-	5.13	4.59	4.94	4.76
Pembroke	189,096	27,800.5	6.80	7.21	7.41	6.70	6.25
UNC-Asheville	151,471	33,438.0	4.53	3.65	4.47	4.83	5.74
UNC-Wilmington	-	-	-	3.17	3.28	3.35	3.08
Winston-Salem	214,036	32,426.0	6.60	6.58	6.12	6.22	5.57
SUBTOTAL	734,452	120,193.5	6.11	4.91	4.97	5.06	4.55

Capacity/Enrollment Ratio

Table 1

INSTITUTION	ASF of Instructional & Lib. Facilities	Total Student Clock Hours	Capacity / Enrollment Ratio				
			1985	1984	1983	1982	1981
Specialized Institution:							
NC Sch. of Arts*	166,554	19,826.5	8.40	7.60	6.63	6.99	7.63
Technical and Community Colleges:							
SUBTOTAL	5,133,589	1,517,143.5	3.38	3.52	3.27	3.03	3.05
		PRIVATE INSTITUTIONS					
Major Research Universities:							
SUBTOTAL	1,209,808	172,362.0	7.02	6.95	7.01	7.16	6.85
Gen. Baccalaureate Colleges:							
SUBTOTAL	3,193,061	467,834.5	6.83	6.98	6.71	6.47	6.21
Junior Colleges:							
SUBTOTAL	544,788	78,690.5	6.92	6.89	6.49	6.09	5.86
GRAND TOTAL	17,735,010	3,864,045.5	4.59	4.71	4.50	4.33	4.23

*High school courses at N. C. School of the Arts are included in the data for that institution.

Capacity/Enrollment Ratio

Table 1

INSTITUTION	ASF of Instructional & Lib. Facilities	Total Student Clock Hours	Capacity / Enrollment Ratio				
			1985	1984	1983	1982	1981
Technical and Community Colleges:							
Anson TC	30,063	5,315.0	5.66	8.31	6.22	5.38	5.23
Ashev'le-Bun. TC	144,912	39,765.0	3.64	4.18	3.36	3.28	3.43
Beaufort Co. CC	68,405	14,091.5	4.85	5.86	5.12	4.39	4.64
Bladen TC	42,796	8,175.0	5.23	6.41	6.66	4.82	4.60
Blue Ridge TC	64,052	16,720.0	3.83	4.15	4.34	3.98	3.37
Brunswick TC	46,625	9,600.0	4.86	5.09	5.46	3.67	4.02
Caldwell CC & TI	78,148	24,471.0	3.19	3.35	3.14	2.92	2.82
Cape Fear TI	112,325	34,759.0	3.23	3.57	3.25	2.85	3.06
Carteret TC	61,860	18,109.5	3.42	3.68	3.30	3.24	3.38
Catawba Vy. TC	119,575	33,448.5	3.57	4.09	3.45	3.45	3.49
C. Carolina TC	80,526	27,137.5	2.97	3.02	2.71	2.50	2.51
C. Piedmont CC	328,797	148,099.0	2.22	2.26	2.11	2.01	2.01
Cleveland TC	91,146	22,255.5	4.10	4.06	4.50	4.08	4.36
Coastal Car. CC	116,551	43,666.0	2.67	3.07	2.98	2.83	2.38
Col. Albemarle	70,533	20,350.0	3.47	4.11	3.21	3.42	3.28
Craven CC	77,184	27,123.5	2.85	2.82	3.50	3.35	3.05
Davidson Co. CC	104,802	30,328.5	3.46	3.64	3.43	2.70	3.08
Durham TI	100,415	36,736.5	2.73	2.75	2.75	2.16	2.34
Edgecombe TC	67,666	11,095.5	6.10	6.21	4.76	4.24	4.48
Fayettev'le TI	159,909	66,901.0	2.39	2.30	1.99	2.03	2.04
Forsyth TC	202,525	52,162.5	3.88	3.47	3.01	2.98	2.90
Gaston Col.	146,519	39,681.5	3.69	4.32	4.28	2.99	3.56
Guilford TCC	277,234	78,502.0	3.53	3.66	3.08	2.67	2.44
Halifax CC	48,760	14,644.0	3.33	2.90	3.21	2.74	2.87
Haywood TC	97,681	27,922.0	3.50	4.16	3.53	3.87	3.83
Isothermal CC	109,030	25,396.0	4.29	4.34	4.71	4.40	4.98
J. Sprunt TC	58,541	10,577.5	5.53	5.29	4.07	4.25	5.27
Johnston TC	81,800	21,849.0	3.74	3.87	3.34	2.60	2.69
Lenoir CC	114,967	28,661.5	4.01	3.55	3.60	3.15	3.12
Martin CC	79,137	10,304.5	7.68	7.26	6.54	6.31	6.19

Capacity/Enrollment Ratio

Table 1

INSTITUTION	ASF of Instructional & Lib. Facilities	Total Student Clock Hours	Capacity / Enrollment Ratio				
			1985	1984	1983	1982	1981
Technical and Community Colleges:							
Mayland TC	27,985	8,191.0	3.42	2.91	2.78	2.92	3.57
McDowell TC	42,163	9,664.0	4.36	3.87	4.31	3.82	4.11
Mitchell CC	90,791	18,949.0	4.79	4.44	4.34	4.36	4.20
Montgomery TC	32,644	6,681.5	4.89	4.97	4.30	3.37	3.05
Nash TC	52,510	18,739.0	2.80	3.13	3.69	2.57	2.15
Pamlico TC	20,904	2,479.0	8.43	8.98	8.70	7.24	8.96
Piedmont TC	49,693	8,522.5	5.83	5.65	5.43	3.44	3.50
Pitt CC	87,274	34,400.5	2.54	2.61	2.41	2.17	2.28
Randolph TC	82,966	22,092.0	3.76	4.04	3.97	4.04	4.16
Richmond TC	69,119	18,498.5	3.74	4.10	3.61	3.37	3.43
Roanoke-Cho. TC	48,569	10,909.5	4.45	4.59	5.60	4.54	3.66
Robeson TC	67,335	19,388.5	3.47	3.90	3.83	2.75	2.47
Rockingham CC	117,137	23,726.0	4.94	5.37	4.97	4.48	4.99
Rowan TC	108,721	29,441.5	3.69	3.65	3.21	3.74	3.83
Sampson TC	42,582	16,828.0	2.53	2.60	2.82	2.90	2.57
Sandhills CC	98,414	28,650.0	3.44	3.47	3.22	2.87	3.18
Southeastern CC	83,741	22,525.5	3.72	4.10	3.94	3.81	3.84
Southwestern TC	59,172	17,972.5	3.29	3.77	3.00	2.91	3.13
Stanly TC	37,552	12,839.0	2.92	3.03	2.98	2.94	2.73
Surry CC	92,531	27,906.0	3.32	3.41	3.56	3.13	3.35
TC Alamance	81,013	32,651.0	2.48	2.39	2.17	2.27	2.42
Tri-County CC	55,165	10,359.0	5.33	5.31	5.02	4.42	4.54
Vance-Granv. CC	60,788	19,110.0	3.18	3.35	3.14	3.42	2.87
Wake TC	122,264	49,299.5	2.48	2.61	2.40	2.42	2.48
Wayne CC	106,833	35,996.0	2.97	3.00	2.70	2.55	2.51
W. Piedmont CC	62,756	21,574.5	2.91	3.08	3.06	3.06	2.92
Wilkes CC	72,126	22,140.0	3.26	3.92	3.72	3.41	3.51
Wilson Co. TC	78,357	19,762.0	3.97	4.24	3.68	3.89	3.35
TOTAL	5,133,589	1,517,143.5	3.38	3.52	3.27	3.03	3.05

TABLE 2:
SQUARE FEET OF ACADEMIC FACILITIES PER FTE STUDENT

The ratio of an institution's square footage of academic facilities to its full-time equivalent enrollment represents an important index of the instructional utilization of campus facilities. It was first used by the U. S. Office of Education as a planning standard in the 1960's. In 1969, the Office of Education published an extensive study entitled Federal Support for Higher Education Construction: Current Programs and Future Needs which provided normative figures by level and control of institution. The figures, which are still widely used in determining facilities needs, can be summarized as follows:

Institutional Level	Public	Private	Total
University	132	150	136
Four-year	93	103	98
Two-year	70	75	70
All Institutions	103	115	107

Academic Facilities

"Academic facilities" is a broader concept than "instructional and library space" (page 9). In general terms, it includes all space used for instruction, research, and the administration or support of instruction or research.

Academic facilities can be more precisely defined in terms of program codes (pages 87-88, 93-95, 102-103, 108-109, 112-113) and room use codes (page 118). The term refers to an institution's total assignable area (page 81) less the square footage of all rooms bearing program codes 42 (Museums and Galleries), 52 (Social and Cultural Development), 55 (Student Auxiliary Services), 56 (Intercollegiate Athletics), 65 (Faculty and Staff Auxiliary Services), 66 (Public Relations/Development), 91-92 (Independent Operations), and 02 (Incapable of Use). In addition, space with program code 63 (General Administration and Logistical Service) is deleted if it also has room use code 750 (Central Food Stores) or 760 (Central Laundry). Space with program 01 (Unassigned, Capable of Use) and any of the following room use codes is also excluded from academic facilities: 523 (Athletic Facilities Spectator Seating), 630 (Food Facilities), 635 (Food Facilities Service), 660 (Merchandising Facilities), 665 (Merchandising Facilities Service), 750 (Central Food Stores), 760 (Central Laundry), all of the 800's (Health Care Facilities), and all of the 900's (Residential Facilities). Because of federal reporting requirements, all space associated with academic programs in theology (HEGIS taxonomy code 2300) is also excluded.

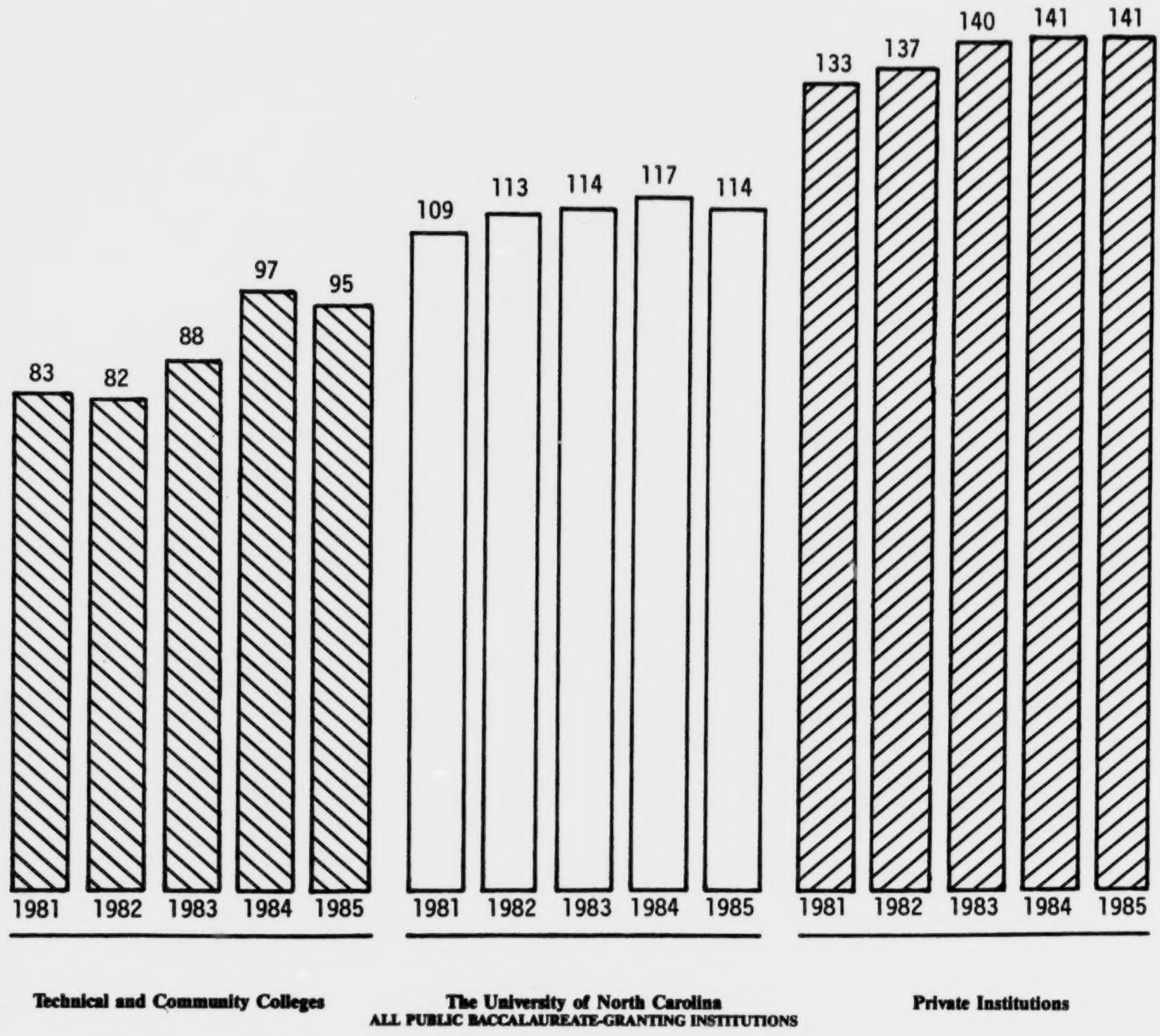
FTE Enrollment

Full-time equivalent (FTE) enrollment is computed by assigning a percentage to each part-time student to reflect his course load and then adding the result to the total full-time enrollment. FTE enrollment differs from the other frequently used standard for estimating student populations, headcount enrollment, in that the latter treats full-time and part-time students identically. A more detailed description of the procedure used in calculating FTE enrollment can be found on page 69.

The FTE enrollments which are reported for the institutions of the Community College System exclude enrollment generated by off-campus instruction and enrollment in non-credit courses. Their total FTE enrollments--which take into account all credit instruction regardless of where it is conducted--are not listed in Table 2 because they are irrelevant to space utilization analysis. They are reported, however, in Table 12.

$$\text{SQ. FT. OF ACADEMIC FACILITIES PER FTE STUDENT} = \frac{\text{SQUARE FEET OF ACADEMIC FACILITIES}}{\text{FTE ENROLLMENT}}$$

SQUARE FEET OF ACADEMIC FACILITIES PER FTE STUDENT



Square Feet of Academic Facilities Per FTE Student

Table 2

INSTITUTION	ASF of Academic Facilities	FTE Enrollment	Sq. Ft. of Academic Facilities Per FTE Student				
			1985	1984	1983	1982	1981
Major Research Universities:							
NC State	2,466,022	19,718	125	127	132	137	133
NC State Vet.	215,420	253	851	975	1,434	-	-
UNC-Chapel Hill	2,252,449	17,026	132	144	126	123	125
UNC-Health Aff.	1,139,144	3,086	369	364	350	352	357
SUBTOTAL*	4,718,471	36,744	128	135	129	130	129
Other Doctoral Universities:							
UNC-Greensboro	867,650	8,614	101	103	109	99	99
Comprehensive Universities:							
Appalachian	902,900	9,132	99	101	101	93	95
East Carolina	932,714	11,655	80	82	85	82	78
ECU-Health Aff.	406,772	1,228	331	297	285	110	114
Fayetteville	267,120	2,615	102	-	-	-	-
NC A & T	799,856	5,224	153	161	153	159	147
NC Central	571,263	4,093	140	125	106	110	97
UNC-Charlotte	720,638	9,064	80	75	75	76	75
UNC-Wilmington	342,072	5,207	66	-	-	-	-
West'n Carolina	710,313	5,257	135	128	129	128	110
SUBTOTAL*	5,246,876	52,247	100	104	102	100	95
Gen. Baccalaureate Universities:							
Elizabeth City	253,380	1,475	172	175	185	174	146
Fayetteville	-	-	-	113	105	118	107
Pembroke	253,943	1,998	127	135	138	132	132
UNC-Asheville	199,242	2,022	99	100	101	107	119
UNC-Wilmington	-	-	-	67	67	67	63
Winston-Salem	351,130	2,183	161	160	123	117	114
SUBTOTAL	1,057,695	7,678	138	112	106	107	103

Square Feet of Academic Facilities Per FTE Student

Table 2

INSTITUTION	ASF of Academic Facilities	FTE Enrollment	Sq. Ft. of Academic Facilities Per FTE Student				
			1985	1984	1983	1982	1981
Specialized Institution:							
NC Sch. of Arts**	205,465	478	430	412	399	398	319
Technical and Community Colleges:							
SUBTOTAL	6,330,951	66,527	95	97	88	82	83
PRIVATE INSTITUTIONS							
Major Research Universities:							
SUBTOTAL*	2,114,511	13,816	153	155	158	147	146
Gen. Baccalaureate Colleges:							
SUBTOTAL	4,208,988	31,852	132	132	130	130	126
Junior Colleges:							
SUBTOTAL	689,985	4,119	168	174	160	151	145
GRAND TOTAL	25,440,592	222,075	115	117	112	108	106

*Divisions of Health Affairs and NCSU Veterinary School are excluded from all totals.

**The exclusion of high school student enrollment from this table results in a significant understatement of the total utilization of academic facilities at N. C. School of the Arts.

Square Feet of Academic Facilities Per FTE Student

Table 2

INSTITUTION	ASF of Academic Facilities	FTE Enrollment	Sq. Ft. of Academic Facilities Per FTE Student				
			1985	1984	1983	1982	1981
Technical and Community Colleges:							
Anson TC	39,043	205	190	193	154	142	129
Ashev'le-Bun. TC	183,623	1,717	107	118	103	98	99
Beaufort Co. CC	81,808	642	127	139	133	115	120
Bladen TC	52,928	316	167	226	191	168	160
Blue Ridge TC	81,480	746	109	128	126	116	112
Brunswick TC	52,900	391	135	167	158	109	149
Caldwell CC & TI	103,542	835	124	88	84	77	72
Cape Fear TI	139,605	1,439	97	117	103	91	95
Carteret TC	87,611	692	127	137	109	112	126
Catawba Vy. TC	148,193	1,322	112	113	90	92	94
C. Carolina TC	93,752	1,281	73	75	66	62	63
C. Piedmont CC	405,190	6,838	59	62	56	50	53
Cleveland TC	109,230	690	158	150	127	112	110
Coastal Car. CC	132,623	2,146	62	68	77	75	63
Col. Albemarle	84,742	796	106	93	90	81	87
Craven CC	85,976	983	87	89	80	71	77
Davidson Co. CC	131,710	1,246	106	89	76	67	72
Durham TI	125,416	2,058	61	64	61	51	52
Edgecombe TC	78,574	733	107	126	97	98	110
Fayettev'le TI	196,894	3,442	57	61	50	50	53
Forsyth TC	254,008	2,302	110	82	74	74	74
Gaston Col.	169,296	2,203	77	87	77	64	68
Guilford TCC	346,346	3,014	115	96	95	98	75
Halifax CC	57,982	700	83	87	83	74	88
Haywood TC	133,277	831	160	187	157	176	174
Isothermal CC	124,393	1,184	105	122	98	94	105
J. Sprunt TC	70,915	448	158	148	136	125	137
Johnston TC	106,591	948	112	107	99	81	79
Lenoir CC	131,887	1,312	101	112	97	87	90
Martin CC	98,022	442	222	206	185	190	180

Square Feet of Academic Facilities
Per FTE Student

Table 2

INSTITUTION	ASF of Academic Facilities	FTE Enrollment	Sq. Ft. of Academic Facilities Per FTE Student				
			1985	1984	1983	1982	1981
Technical and Community Colleges:							
Mayland TC	32,609	383	85	79	68	71	79
McDowell TC	47,902	419	114	106	104	92	104
Mitchell CC	108,233	816	133	136	117	111	103
Montgomery TC	39,038	269	145	151	138	131	113
Nash TC	61,636	891	69	89	90	83	71
Pamlico TC	26,713	117	228	275	245	196	221
Piedmont TC	78,231	320	244	156	209	137	129
Pitt CC	106,234	1,601	66	67	60	57	57
Randolph TC	105,724	883	120	131	131	130	134
Richmond TC	79,665	758	105	103	93	86	85
Roanoke-Cho. TC	60,453	403	150	121	127	134	134
Robeson TC	87,007	782	111	133	114	105	105
Rockingham CC	135,255	1,032	131	139	125	112	118
Rowan TC	133,384	1,132	118	101	86	83	85
Sampson TC	51,506	643	80	81	86	73	71
Sandhills CC	123,095	1,361	90	91	83	79	86
Southeastern CC	97,979	999	98	103	92	91	84
Southwestern TC	70,986	665	107	107	96	85	77
Stanly TC	49,697	569	87	106	107	88	95
Surry CC	108,072	1,290	84	89	98	87	93
TC Alamance	98,175	1,319	74	69	61	61	66
Tri-County CC	60,301	445	136	140	128	116	124
Vance-Granv. CC	81,673	853	96	96	87	86	70
Wake TC	165,376	2,311	72	74	68	71	83
Wayne CC	123,679	1,494	83	84	72	63	62
W. Piedmont CC	85,674	1,236	69	82	79	79	74
Wilkes CC	102,052	857	119	119	103	98	105
Wilson Co. TC	103,045	777	133	138	135	114	100
TOTAL	6,330,951	66,527	95	97	88	82	83

TABLE 3:

AVERAGE WEEKLY ROOM HOURS OF INSTRUCTION IN CLASSROOMS

The average weekly room hours of instruction in classrooms is calculated by dividing the total room hours of instruction in classrooms by the total number of classrooms. In more general terms, it is the average number of hours that an institution's classrooms are used for instructional purposes each week.

The total room hours of instruction in classrooms is the number of hours each week that each classroom is used for regularly scheduled classes. Thus, a classroom which is used Mondays, Wednesdays, and Fridays from 9:00 a.m. until 1:00 p.m. and on Tuesdays and Thursdays from 8:30 a.m. until noon would generate 19 room hours (4 hours/day x 3 days/week + 3.5 hours/day x 2 days/week). Table 3 indicates the total room hours of instruction in classrooms; the total number of classrooms can be found in Table 16.

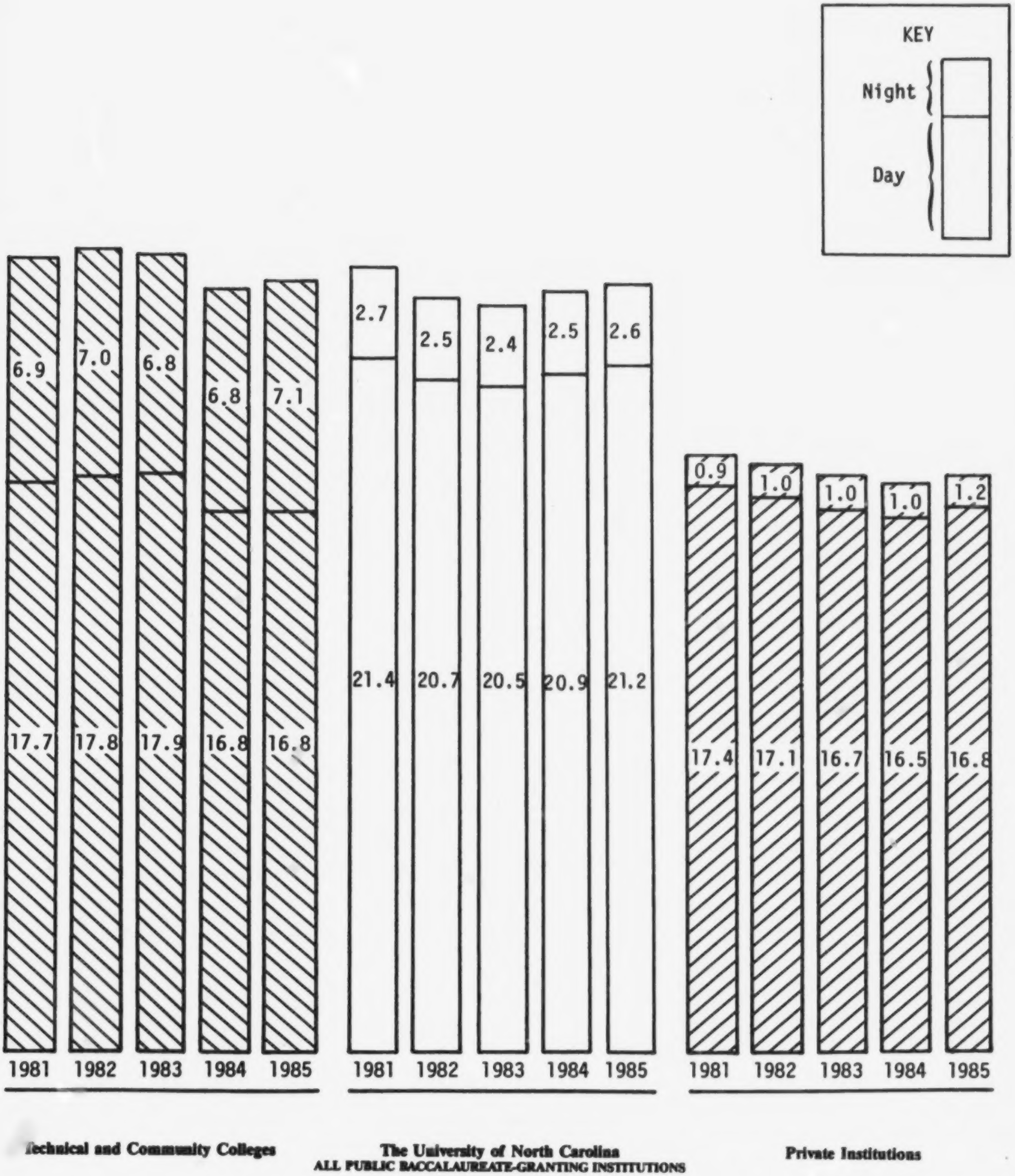
For purposes of this study, a classroom is defined as a room used to conduct classes that do not require special-purpose equipment for student use. Thus, a classroom is by definition a general use facility which could be used in teaching the lecture portion of any course. If a room is used for regularly scheduled classes but has special equipment which tie it to a particular subject matter, then the room is a class laboratory and its use would not be taken into account in this table.

Table 3 separates average weekly room hours of instruction in classrooms into daytime and nighttime use. Daytime utilization is based on all classes with beginning times between and including 5:00 a.m. and 4:59 p.m.; nighttime utilization is based on all other classes. The "All Hours" section of Table 3 indicates the sum of the daytime and nighttime figures for the last five years.

The average weekly room hours of classroom instruction can serve as an indicator of the adequacy of the number of classrooms at an institution. A frequently cited norm is 30 hours of instruction in classrooms per week, but the institutions in North Carolina and in many other states average significantly fewer hours.

$$\text{AVG. WEEKLY ROOM HOURS OF INSTRUCTION IN CLASSROOMS} = \frac{\text{TOTAL ROOM HOURS OF INSTRUCTION IN CLASSROOMS}}{\text{TOTAL NUMBER OF CLASSROOMS}}$$

AVERAGE WEEKLY ROOM HOURS OF INSTRUCTION IN CLASSROOMS



Average Weekly Room Hours of Instruction in Classrooms

Table 3

INSTITUTION	Total Room Hours	Daytime	Nighttime	All Hours				
				1985	1984	1983	1982	1981
Major Research Universities:								
NC State	8,034.5	28.8	2.3	31.1	29.9	28.6	26.6	27.2
NC State Vet.	-	-	-	-	-	-	-	-
UNC-Chapel Hill	6,526.0	25.2	1.1	26.3	25.9	24.9	23.6	24.2
UNC-Health Aff.	-	-	-	-	-	-	-	-
SUBTOTAL	14,560.5	27.1	1.7	28.8	28.0	26.8	25.2	25.7
Other Doctoral Universities:								
UNC-Greensboro	3,386.5	17.4	3.4	20.8	19.8	18.2	21.3	20.7
Comprehensive Universities:								
Appalachian	4,746.5	27.2	1.4	28.6	28.5	28.4	28.3	29.3
East Carolina	4,771.5	21.9	3.4	25.3	24.5	24.4	25.5	27.1
ECU-Health Aff.	-	-	-	-	-	-	-	-
Fayetteville	1,343.0	19.0	4.6	23.6	-	-	-	-
NC A & T	2,556.0	13.4	1.9	15.3	15.4	15.2	16.2	16.6
NC Central	2,150.0	11.4	2.6	14.0	15.6	16.5	17.1	18.6
UNC-Charlotte	3,735.5	25.8	5.8	31.6	32.1	32.4	32.0	30.3
UNC-Wilmington	2,319.0	31.4	3.2	34.6	-	-	-	-
West'n Carolina	2,504.0	19.8	1.7	21.5	21.9	21.0	20.1	20.7
SUBTOTAL	24,125.5	20.5	2.9	23.4	22.7	22.7	22.4	24.0
Gen. Baccalaureate Universities:								
Elizabeth City	875.5	16.4	2.2	18.6	17.0	15.7	16.8	22.5
Fayetteville	-	-	-	-	22.0	23.2	23.3	24.7
Pembroke	1,051.0	12.7	1.9	14.6	14.1	13.8	15.3	18.4
UNC-Asheville	1,382.5	23.9	7.5	31.4	29.7	28.6	29.5	28.0
UNC-Wilmington	-	-	-	-	33.5	30.4	29.3	32.7
Winston-Salem	1,112.0	11.8	2.3	14.1	14.1	16.5	19.1	18.8
SUBTOTAL	4,421.0	15.2	3.1	18.3	21.1	21.1	22.1	24.0

Average Weekly Room Hours of Instruction in Classrooms

Table 3

INSTITUTION	Total Room Hours	Daytime	Nighttime	All Hours				
				1985	1984	1983	1982	1981
Specialized Institution:								
NC Sch. of Arts	329.0	12.2	0.0	12.2	12.8	10.7	10.4	14.4
Technical and Community Colleges:								
SUBTOTAL	46,713.0	16.8	7.1	23.9	23.6	24.7	24.8	24.6
PRIVATE INSTITUTIONS								
Major Research Universities:								
SUBTOTAL	5,510.5	18.3	0.5	18.8	18.2	17.7	17.1	17.8
Gen. Baccalaureate Colleges:								
SUBTOTAL	17,883.5	16.5	1.5	18.0	17.6	18.0	18.6	18.6
Junior Colleges:								
SUBTOTAL	2,707.5	16.1	0.3	16.4	16.1	16.8	17.3	17.6
GRAND TOTAL	119,637.0	18.4	3.8	22.2	21.8	22.2	22.3	22.6

Average Weekly Room Hours of Instruction in Classrooms

Table 3

INSTITUTION	Total Room Hours	Daytime	Nighttime	All Hours				
				1985	1984	1983	1982	1981
Technical and Community Colleges:								
Anson TC	224.0	15.7	6.7	22.4	13.5	12.1	14.2	13.2
Ashev'le-Bun. TC	1,246.0	11.9	6.1	18.0	17.7	21.9	19.1	23.0
Beaufort Co. CC	609.5	15.2	4.4	19.6	16.2	14.7	18.7	19.6
Bladen TC	222.5	14.7	2.4	17.1	19.1	18.0	17.4	21.7
Blue Ridge TC	532.0	15.6	9.7	25.3	23.8	23.9	26.3	27.2
Brunswick TC	411.0	14.5	8.3	22.8	23.6	20.0	15.2	18.8
Caldwell CC & TI	599.0	16.7	8.2	24.9	24.8	23.8	25.1	25.7
Cape Fear TI	804.0	23.5	10.0	33.5	31.3	30.9	31.0	28.7
Carteret TC	739.5	11.8	9.3	21.1	20.5	20.8	21.5	22.9
Catawba Vy. TC	981.5	13.0	7.8	20.8	20.8	24.0	23.5	23.5
C. Carolina TC	808.5	23.1	9.3	32.4	34.2	39.5	39.2	36.2
C. Piedmont CC	4,201.5	23.6	9.5	33.1	33.0	32.0	32.1	32.4
Cleveland TC	636.5	11.8	6.9	18.7	19.1	19.2	17.7	14.3
Coastal Car. CC	1,329.0	24.3	10.7	35.0	31.5	31.6	30.8	34.4
Col. Albemarle	592.0	14.0	7.1	21.1	23.3	26.2	22.4	21.7
Craven CC	989.0	20.8	8.3	29.1	26.2	23.2	22.9	25.0
Davidson Co. CC	1,008.5	17.3	6.7	24.0	20.0	21.3	25.3	21.3
Durham TI	882.5	14.2	9.0	23.2	30.2	30.2	32.8	30.7
Edgecombe TC	634.5	11.5	4.8	16.3	18.0	21.0	23.3	22.5
Fayettev'le TI	2,515.0	25.6	8.9	34.5	32.9	36.5	33.9	35.7
Forsyth TC	1,554.0	12.2	7.2	19.4	26.1	29.4	28.1	30.9
Gaston Col.	1,188.5	16.9	5.1	22.0	19.1	18.9	24.1	19.4
Guilford TCC	2,379.5	15.2	6.4	21.6	22.6	26.1	23.6	26.4
Halifax CC	479.5	18.9	7.8	26.7	30.0	31.7	33.9	27.2
Haywood TC	569.0	20.3	5.5	25.8	19.9	25.9	19.8	21.7
Isothermal CC	754.0	15.1	6.5	21.6	19.6	19.7	17.6	18.8
J. Sprunt TC	355.0	13.8	4.0	17.8	19.4	20.6	26.1	20.7
Johnston TC	785.0	13.7	7.5	21.2	24.0	25.3	26.4	23.7
Lenoir CC	1,008.0	15.1	4.6	19.7	18.1	20.9	20.9	21.1
Martin CC	313.0	10.5	4.4	14.9	15.4	16.2	19.7	18.3

Average Weekly Room Hours of Instruction in Classrooms

Table 3

INSTITUTION	Total Room Hours	Daytime	Nighttime	All Hours				
				1985	1984	1983	1982	1981
Technical and Community Colleges:								
Mayland TC	348.0	22.1	9.5	31.6	30.7	32.0	25.8	29.2
McDowell TC	248.5	9.8	8.0	17.8	17.9	13.9	14.4	16.1
Mitchell CC	669.5	10.3	5.6	15.9	18.4	18.7	20.8	19.9
Montgomery TC	218.0	16.3	7.9	24.2	21.4	19.5	21.6	25.3
Nash TC	549.0	17.2	10.2	27.4	22.1	23.3	20.9	21.3
Pamlico TC	119.0	9.6	3.7	13.3	13.3	11.7	10.0	11.8
Piedmont TC	313.0	10.4	6.0	16.4	20.5	20.1	25.7	21.3
Pitt CC	992.5	20.5	6.4	26.9	26.7	31.5	34.6	31.5
Randolph TC	520.5	14.4	8.3	22.7	23.1	24.0	21.3	18.3
Richmond TC	562.0	17.0	7.5	24.5	24.8	26.2	31.7	30.4
Roanoke-Cho. TC	392.5	13.4	4.4	17.8	17.0	13.3	18.9	16.5
Robeson TC	486.5	13.2	7.9	21.1	21.8	18.7	28.9	31.7
Rockingham CC	708.5	17.6	5.2	22.8	19.6	21.9	22.1	19.0
Rowan TC	1,048.0	13.8	8.5	22.3	21.0	24.1	17.8	18.5
Sampson TC	464.5	17.2	8.6	25.8	31.8	25.7	27.0	26.8
Sandhills CC	879.5	20.8	4.3	25.1	25.6	25.7	28.3	24.9
Southeastern CC	652.0	15.1	5.3	20.4	20.8	20.2	19.9	19.3
Southwestern TC	581.5	19.3	5.0	24.3	21.8	31.9	24.2	19.9
Stanly TC	469.5	17.0	6.5	23.5	19.7	26.4	24.5	24.2
Surry CC	694.5	19.2	5.6	24.8	22.9	22.5	23.7	23.8
TC Alamance	978.0	20.2	8.6	28.8	32.1	29.3	27.7	27.3
Tri-County CC	302.0	9.6	8.1	17.7	18.5	20.4	20.8	20.8
Vance-Granv. CC	667.5	16.3	7.5	23.8	22.1	21.8	20.6	25.4
Wake TC	1,362.0	23.1	5.3	28.4	26.2	27.0	26.0	26.2
Wayne CC	1,179.0	18.4	5.7	24.1	20.8	24.7	25.3	23.8
W. Piedmont CC	564.0	18.7	9.6	28.3	26.9	22.8	23.5	24.0
Wilkes CC	864.0	20.6	6.4	27.0	25.1	26.6	23.7	25.4
Wilson Co. TC	528.0	16.2	7.8	24.0	23.5	25.1	23.7	26.5
TOTAL	46,713.0	16.8	7.1	23.9	23.6	24.7	24.8	24.6

TABLE 4:
AVERAGE WEEKLY ROOM HOURS OF INSTRUCTION IN CLASS LABORATORIES

The average weekly room hours of instruction in class laboratories is calculated by dividing the total room hours of instruction in class laboratories by the total number of class laboratories. In more general terms, it is the average number of hours that an institution's class laboratories are used for instructional purposes each week.

The total room hours of instruction in class laboratories is the number of hours each week that each class laboratory is used for regularly scheduled classes. This figure is provided in Table 4; the total number of class laboratories can be found in Table 17. Table 4 also separates the average room hour data into daytime and nighttime use of class laboratories. For specific definitions of "daytime" and "nighttime," and for a more detailed explanation of the calculation of total room hours, see page 24.

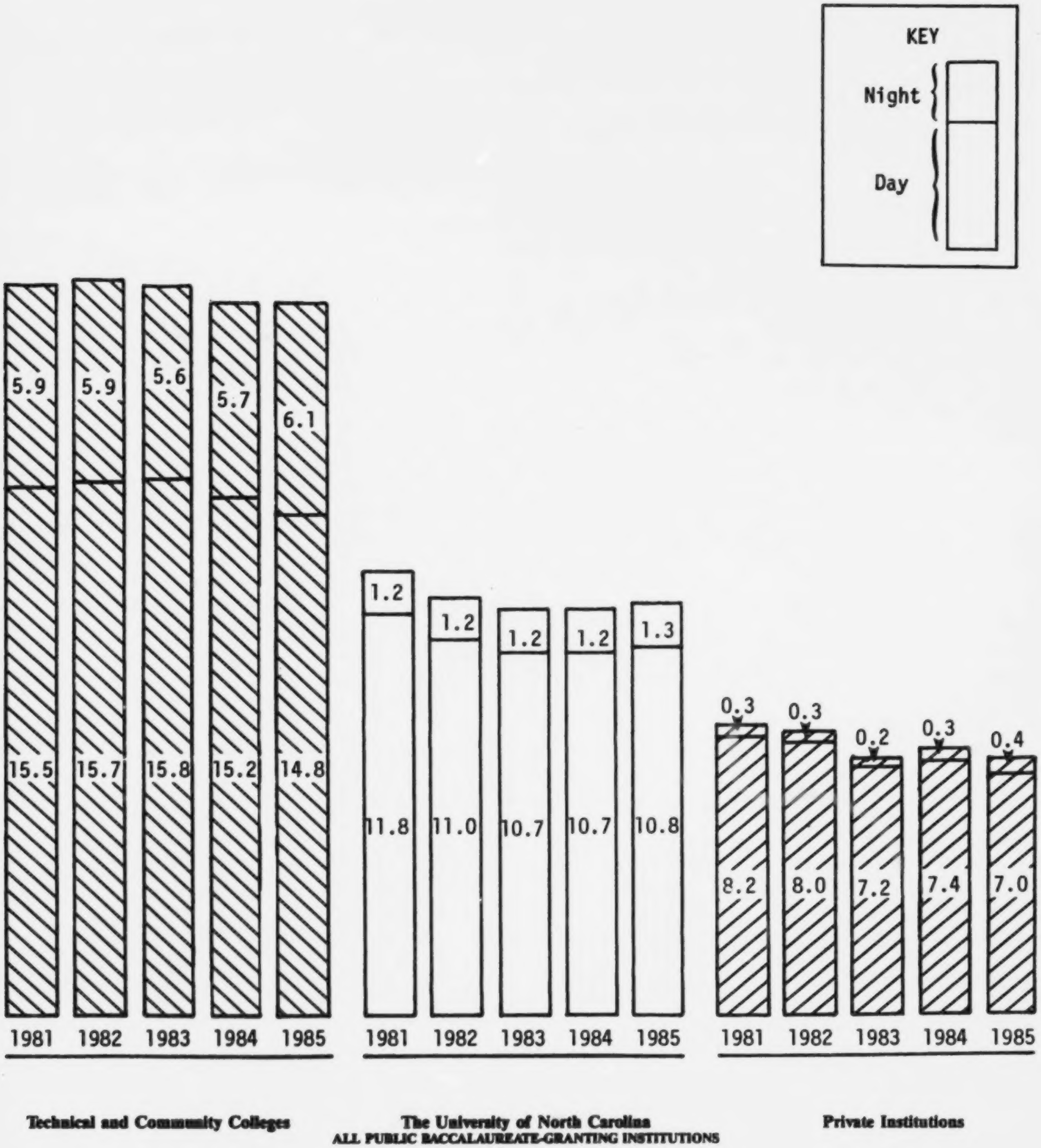
For purposes of this study, a class laboratory is defined as a room used primarily by regularly scheduled classes that require special-purpose equipment for student participation, experimentation, observation, or practice in a field of study. This definition excludes rooms used for regularly scheduled classes which have no special-purpose equipment (i.e., classrooms) and also excludes rooms with special-purpose equipment which are not used for regularly scheduled classes (i.e., other kinds of laboratories).

Table 4 can provide some indication of the adequacy of the number of class laboratories at a particular institution. Unfortunately, since the data reflect the utilization of all class laboratories, it is impossible to determine whether an institution's shortage (or surplus) of these rooms is limited to certain types or is "across the board." In such cases, an institution might be able to make a more useful measurement by determining the average weekly use of each type of class laboratory.

Because each class laboratory is designed for use in a particular field of study, most of them are not used as frequently as classrooms. A commonly cited norm for the average use of class laboratories is 20 hours per week. Many of the institutions of the Community College System exceed this figure, at least in part because of the technical nature of most of their instructional programs. The other colleges and universities in North Carolina generally fall well below this norm.

$$\text{AVG. WEEKLY ROOM HOURS OF INSTRUCTION IN CLASS LABORATORIES} = \frac{\text{TOTAL ROOM HOURS OF INSTRUCTION IN CLASS LABORATORIES}}{\text{TOTAL NUMBER OF CLASS LABORATORIES}}$$

AVERAGE WEEKLY ROOM HOURS OF INSTRUCTION IN CLASS LABORATORIES



Average Weekly Room Hours of Instruction in Class Laboratories

Table 4

INSTITUTION	Total Room Hours	Daytime	Nighttime	All Hours				
				1985	1984	1983	1982	1981
Major Research Universities:								
NC State	2,308.5	10.1	1.2	11.3	11.2	10.7	11.2	10.0
NC State Vet.	-	-	-	-	-	-	-	-
UNC-Chapel Hill	1,220.0	14.3	1.8	16.1	16.1	15.4	13.0	16.3
UNC-Health Aff.	-	-	-	-	-	-	-	-
SUBTOTAL	3,528.5	11.2	1.3	12.5	12.6	12.2	11.7	12.0
Other Doctoral Universities:								
UNC-Greensboro	809.0	8.7	1.0	9.7	8.5	7.8	9.2	9.8
Comprehensive Universities:								
Appalachian	801.5	13.1	0.4	13.5	12.6	13.8	15.0	13.7
East Carolina	1,944.0	13.2	1.3	14.5	14.5	13.9	15.2	16.1
ECU-Health Aff.	-	-	-	-	-	-	-	-
Fayetteville	439.5	10.5	1.7	12.2	-	-	-	-
NC A & T	829.5	6.3	1.0	7.3	7.1	7.2	8.9	9.9
NC Central	356.0	5.5	0.6	6.1	7.1	7.2	7.3	8.0
UNC-Charlotte	1,100.0	13.1	3.1	16.2	17.5	18.2	16.7	17.0
UNC-Wilmington	607.0	14.2	1.3	15.5	-	-	-	-
West'n Carolina	742.0	12.1	0.7	12.8	12.1	12.9	12.4	11.7
SUBTOTAL	6,819.5	10.8	1.3	12.1	11.9	12.1	12.3	13.3
Gen. Baccalaureate Universities:								
Elizabeth City	351.0	10.5	0.9	11.4	8.6	9.4	9.4	23.4
Fayetteville	-	-	-	-	11.6	10.9	10.4	10.8
Pembroke	189.0	7.2	0.7	7.9	7.3	7.6	8.5	12.5
UNC-Asheville	256.5	10.6	2.9	13.5	12.6	14.2	14.3	11.4
UNC-Wilmington	-	-	-	-	15.4	15.6	14.5	14.3
Winston-Salem	187.0	7.4	1.1	8.5	7.3	8.6	9.4	8.7
SUBTOTAL	983.5	8.9	1.3	10.2	10.7	11.2	11.0	14.4

Average Weekly Room Hours of Instruction in Class Laboratories

Table 4

INSTITUTION	Total Room Hours	Daytime	Nighttime	All Hours				
				1985	1984	1983	1982	1981
Specialized Institution:								
NC Sch. of Arts	777.0	15.1	1.8	16.9	17.3	18.2	20.7	16.7
Technical and Community Colleges:								
SUBTOTAL	37,473.5	14.8	6.1	20.9	20.9	21.4	21.6	21.4
PRIVATE INSTITUTIONS								
Major Research Universities:								
SUBTOTAL	771.5	7.0	0.1	7.1	6.5	6.2	6.7	6.5
Gen. Baccalaureate Colleges:								
SUBTOTAL	3,499.5	6.8	0.4	7.2	7.9	7.6	8.6	8.9
Junior Colleges:								
SUBTOTAL	870.0	7.9	0.2	8.1	7.7	8.4	8.7	9.3
GRAND TOTAL	55,532.0	12.1	3.5	15.6	15.6	15.7	16.0	16.2

Average Weekly Room Hours of Instruction in Class Laboratories

Table 4

INSTITUTION	Total Room Hours	Daytime	Nighttime	All Hours				
				1985	1984	1983	1982	1981
Technical and Community Colleges:								
Anson TC	313.0	15.5	5.4	20.9	21.2	24.6	27.8	28.2
Ashev'le-Bun. TC	774.5	14.1	5.3	19.4	18.4	21.2	19.4	18.5
Beaufort Co. CC	359.0	11.5	4.9	16.4	15.3	16.7	19.3	16.8
Bladen TC	459.5	13.3	5.0	18.3	15.1	12.1	16.2	16.3
Blue Ridge TC	548.5	16.9	11.9	28.8	24.8	21.3	21.7	24.4
Brunswick TC	283.5	10.4	6.3	16.7	17.2	22.3	21.1	20.1
Caldwell CC & TI	769.5	17.3	9.2	26.5	26.7	25.2	25.2	24.9
Cape Fear TI	932.0	16.9	6.4	23.3	23.8	26.1	28.4	26.7
Carteret TC	405.0	11.4	6.2	17.6	19.9	21.0	18.2	17.3
Catawba Vy. TC	819.0	13.0	7.5	20.5	20.0	21.3	19.5	17.8
C. Carolina TC	665.0	15.0	7.9	22.9	25.1	24.1	22.9	24.5
C. Piedmont CC	2,199.5	18.6	7.9	26.5	31.8	35.6	30.5	30.6
Cleveland TC	636.0	8.0	6.4	14.4	13.6	16.7	14.9	15.9
Coastal Car. CC	735.0	17.6	4.0	21.6	18.4	19.5	17.1	18.3
Col. Albemarle	540.0	13.1	4.9	18.0	15.9	16.8	14.5	14.4
Craven CC	756.5	21.0	7.0	28.0	28.6	26.9	26.2	30.2
Davidson Co. CC	529.5	13.8	4.4	18.2	19.0	19.5	20.3	18.1
Durham TI	712.5	11.2	6.2	17.4	18.7	17.5	28.2	28.8
Edgecombe TC	404.5	11.3	4.3	15.6	11.9	18.1	18.7	17.2
Fayettev'le TI	1,150.5	19.4	3.7	23.1	24.4	25.9	24.6	22.5
Forsyth TC	1,085.0	13.5	5.9	19.4	24.6	25.5	27.9	28.9
Gaston Col.	681.5	9.4	4.5	13.9	13.3	11.2	16.4	14.3
Guilford TCC	1,646.0	12.5	6.0	18.5	21.0	28.8	21.9	22.1
Halifax CC	385.5	16.5	4.9	21.4	22.3	23.5	24.0	22.9
Haywood TC	1,292.0	20.3	4.1	24.4	20.6	19.0	24.2	24.7
Isothermal CC	731.0	14.6	7.6	22.2	25.0	19.8	22.0	19.1
J. Sprunt TC	471.5	17.8	4.6	22.4	21.4	19.2	19.3	17.7
Johnston TC	520.5	13.2	4.2	17.4	17.3	16.7	23.7	22.9
Lenoir CC	662.0	12.1	4.5	16.6	17.2	20.8	18.8	17.2
Martin CC	420.0	15.1	4.0	19.1	17.7	17.5	17.3	18.6

Average Weekly Room Hours of Instruction in Class Laboratories

Table 4

INSTITUTION	Total Room Hours	Daytime	Nighttime	All Hours				
				1985	1984	1983	1982	1981
Technical and Community Colleges:								
Mayland TC	313.5	17.4	11.1	28.5	27.4	28.5	19.8	20.7
McDowell TC	438.5	14.2	8.9	23.1	22.9	23.8	23.0	24.0
Mitchell CC	424.0	8.8	6.4	15.2	18.6	21.0	17.6	17.6
Montgomery TC	462.5	13.9	7.1	21.0	24.4	20.2	24.8	28.0
Nash TC	628.5	13.2	9.3	22.5	16.9	15.4	18.3	18.1
Pamlico TC	117.5	9.4	5.3	14.7	17.8	21.7	22.1	18.1
Piedmont TC	243.0	7.9	3.7	11.6	12.7	15.5	17.2	23.6
Pitt CC	917.5	23.0	7.6	30.6	29.4	28.3	31.2	29.2
Randolph TC	726.5	15.5	5.8	21.3	20.1	22.5	21.2	19.0
Richmond TC	406.0	12.6	5.9	18.5	20.8	23.0	21.1	25.2
Roanoke-Cho. TC	351.0	22.0	5.0	27.0	22.5	24.7	29.7	25.4
Robeson TC	662.5	13.5	7.2	20.7	17.9	19.8	23.6	25.4
Rockingham CC	430.5	11.8	4.7	16.5	18.2	14.3	15.2	14.3
Rowan TC	686.0	12.0	7.6	19.6	22.9	21.8	17.8	16.1
Sampson TC	549.0	19.7	10.8	30.5	28.2	20.1	28.0	31.6
Sandhills CC	683.5	16.0	4.1	20.1	19.0	16.9	18.7	11.2
Southeastern CC	451.5	12.5	2.6	15.1	14.4	16.1	19.6	17.8
Southwestern TC	400.0	10.6	2.3	12.9	12.9	13.0	11.8	14.9
Stanly TC	394.0	15.1	8.0	23.1	23.9	22.4	17.4	20.5
Surry CC	711.5	21.4	8.3	29.7	28.4	28.3	28.7	25.0
TC Alamance	808.5	18.0	7.3	25.3	25.0	25.6	21.4	23.5
Tri-County CC	433.0	12.4	9.3	21.7	20.9	19.7	20.5	23.9
Vance-Granv. CC	585.5	13.8	8.8	22.6	22.0	20.2	18.9	19.8
Wake TC	1,067.5	19.0	4.7	23.7	23.3	24.0	22.5	23.0
Wayne CC	918.0	16.8	4.5	21.3	21.6	20.6	22.2	18.4
W. Piedmont CC	587.5	17.7	6.8	24.5	24.3	20.0	20.6	20.7
Wilkes CC	527.0	16.0	5.0	21.0	20.0	22.5	22.0	21.3
Wilson Co. TC	662.0	17.6	7.8	25.4	20.3	21.9	18.1	23.0
TOTAL	37,473.5	14.8	6.1	20.9	20.9	21.4	21.6	21.4

TABLE 5:
AVERAGE WEEKLY USE OF STUDENT STATIONS IN CLASSROOMS

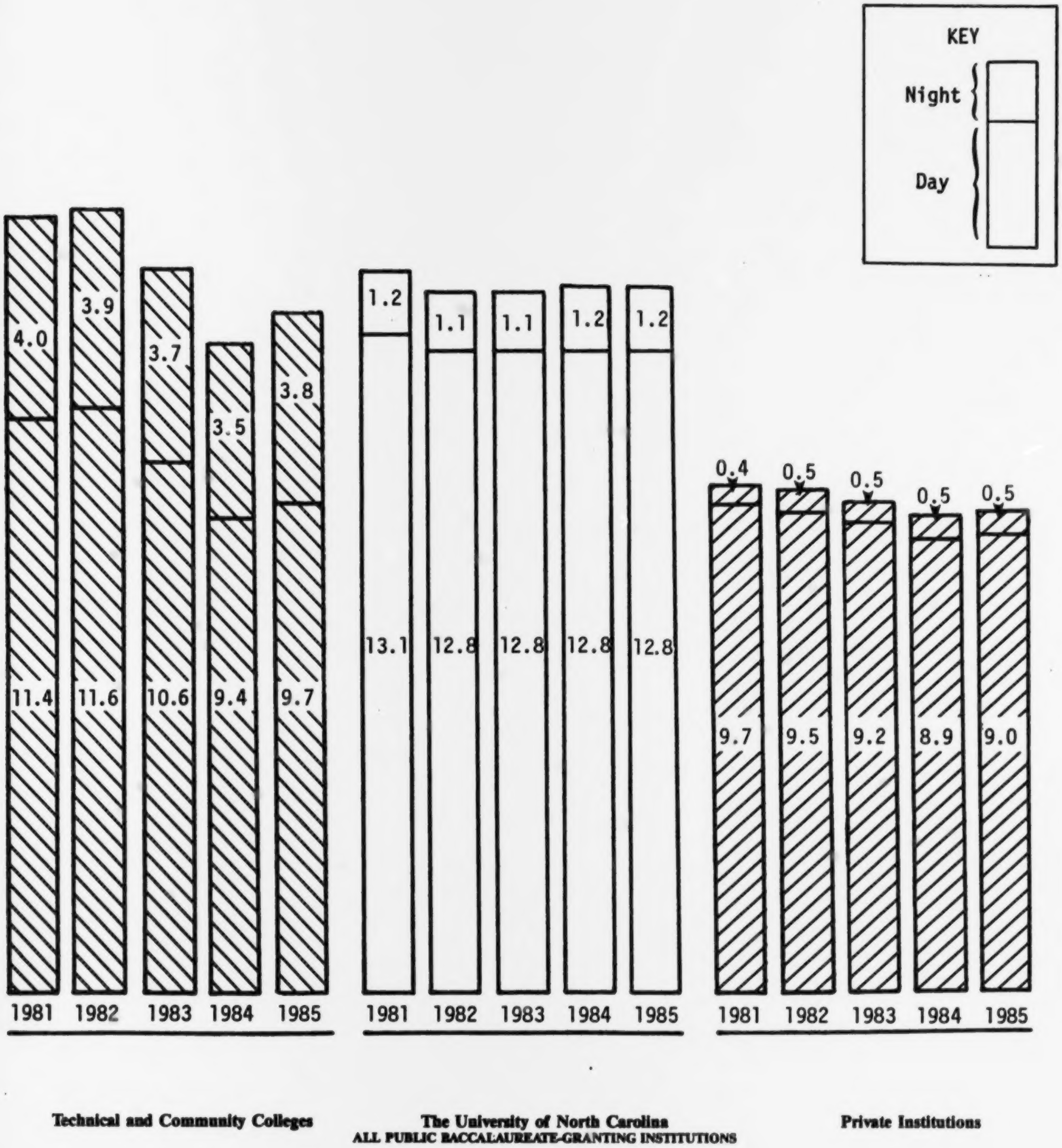
Average weekly use of student stations in classrooms is calculated by dividing the total number of student clock hours generated in classrooms by the total number of student stations in classrooms. More generally, it can be thought of as the average number of hours each week that each classroom student station is used.

For the current year, Table 5 reports the total number of classroom student stations and breaks down the average weekly use figure into daytime and nighttime utilization. (See page 24 for precise definitions of classrooms and of daytime and nighttime utilization.) For purposes of comparison, this table also lists the average weekly use of student stations for the previous four years.

The average weekly use of student stations can serve as an indicator of the adequacy of the number of student stations in classrooms. A norm which has been frequently cited is 18 hours per week. This figure is based on the assumption that the average weekly use of classrooms is 30 hours (see Table 3) and that there is 60% utilization of student stations when classrooms are in use (see Table 7). Most North Carolina colleges and universities fall considerably below this norm, suggesting a surplus of classroom student stations.

$$\text{AVERAGE WEEKLY USE OF STUDENT STATIONS IN CLASSROOMS} = \frac{\text{TOTAL STUDENT CLOCK HOURS IN CLASSROOMS}}{\text{TOTAL STUDENT STATIONS IN CLASSROOMS}}$$

AVERAGE WEEKLY USE OF STUDENT STATIONS IN CLASSROOMS



Average Weekly Use of Student Stations in Classrooms

Table 5

INSTITUTION	No. of Stations	Daytime	Nighttime	All Hours				
				1985	1984	1983	1982	1981
Major Research Universities:								
NC State	14,298	17.4	1.2	18.6	18.7	18.0	17.1	17.1
NC State Vet.	-	-	-	-	-	-	-	-
UNC-Chapel Hill	13,801	15.2	0.4	15.6	15.6	15.5	15.5	15.6
UNC-Health Aff.	-	-	-	-	-	-	-	-
SUBTOTAL	28,099	16.3	0.8	17.1	17.2	16.8	16.4	16.3
Other Doctoral Universities:								
UNC-Greensboro	7,683	11.2	1.6	12.8	12.5	11.9	12.6	12.1
Comprehensive Universities:								
Appalachian	7,198	16.1	0.5	16.6	16.4	16.6	17.2	15.6
East Carolina	8,912	13.8	1.7	15.5	15.4	15.4	15.5	15.8
ECU-Health Aff.	-	-	-	-	-	-	-	-
Fayetteville	2,283	10.6	1.9	12.5	-	-	-	-
NC A & T	7,083	8.4	0.9	9.3	8.7	8.4	9.4	9.8
NC Central	6,454	6.3	1.0	7.3	8.0	9.5	10.2	11.3
UNC-Charlotte	6,512	14.7	2.3	17.0	17.8	17.8	17.7	17.3
UNC-Wilmington	3,453	17.8	1.3	19.1	-	-	-	-
West'n Carolina	4,885	11.1	0.7	11.8	12.8	12.2	12.0	12.8
SUBTOTAL	46,780	12.3	1.3	13.6	13.3	13.5	13.9	14.0
Gen. Baccalaureate Universities:								
Elizabeth City	2,136	8.1	1.0	9.1	7.9	7.6	7.9	10.6
Fayetteville	-	-	-	-	11.1	13.0	12.3	13.7
Pembroke	2,948	6.3	1.0	7.3	7.2	7.0	7.7	8.6
UNC-Asheville	1,786	11.4	3.3	14.7	17.7	14.6	11.2	11.3
UNC-Wilmington	-	-	-	-	18.5	17.9	17.4	18.7
Winston-Salem	3,889	5.8	1.0	6.8	6.8	7.5	8.0	8.5
SUBTOTAL	10,759	7.3	1.4	8.7	11.2	11.1	11.1	12.1

Average Weekly Use of Student Stations in Classrooms

Table 5

INSTITUTION	No. of Stations	Daytime	Nighttime	All Hours				
				1985	1984	1983	1982	1981
Specialized Institution:								
NC Sch. of Arts	710	6.7	0.0	6.7	9.7	8.2	6.7	7.9
Technical and Community Colleges:								
SUBTOTAL	63,095	9.7	3.8	13.5	12.9	14.3	15.5	15.4
PRIVATE INSTITUTIONS								
Major Research Universities:								
SUBTOTAL	14,128	10.2	0.2	10.4	10.4	10.4	10.6	11.0
Gen. Baccalaureate Colleges:								
SUBTOTAL	40,410	8.5	0.7	9.2	9.1	9.5	9.7	9.6
Junior Colleges:								
SUBTOTAL	6,131	9.5	0.1	9.6	9.5	10.1	10.5	10.9
GRAND TOTAL	217,795	10.8	1.7	12.5	12.3	12.9	13.2	13.3

Average Weekly Use of Student Stations in Classrooms

Table 5

INSTITUTION	No. of Stations	Daytime	Nighttime	All Hours 1985	1984	1983	1982	1981
Technical and Community Colleges:								
Anson TC	202	7.8	3.1	10.9	3.9	5.1	5.1	4.5
Ashev'le-Bun. TC	2,009	7.6	3.5	11.1	10.7	13.4	13.8	14.8
Beaufort Co. CC	933	7.5	2.3	9.8	7.5	8.5	9.8	10.4
Bladen TC	236	10.5	1.5	12.0	12.4	13.0	17.0	16.9
Blue Ridge TC	621	9.6	5.4	15.0	14.0	13.9	15.4	17.9
Brunswick TC	419	8.6	4.3	12.9	13.4	13.0	10.1	11.6
Caldwell CC & TI	726	11.1	4.2	15.3	15.7	15.4	17.5	17.7
Cape Fear TI	548	19.0	8.6	27.6	22.7	26.1	27.9	25.6
Carteret TC	945	7.4	5.7	13.1	12.8	13.1	14.6	13.6
Catawba Vy. TC	1,309	8.7	5.5	14.2	12.6	16.1	16.6	16.8
C. Carolina TC	772	15.0	4.9	19.9	19.8	22.8	26.4	25.6
C. Piedmont CC	5,209	12.9	4.8	17.7	17.1	18.6	19.7	21.0
Cleveland TC	1,046	5.4	3.8	9.2	8.7	9.1	9.5	7.7
Coastal Car. CC	1,106	17.2	8.4	25.6	22.5	22.2	23.4	26.4
Col. Albemarle	961	6.8	3.0	9.8	9.4	13.3	13.4	12.2
Craven CC	1,032	11.0	3.5	14.5	13.3	10.9	13.3	15.6
Davidson Co. CC	1,643	9.5	3.0	12.5	11.3	12.8	16.9	14.3
Durham TI	1,298	8.3	6.6	14.9	18.0	18.6	23.0	20.0
Edgecombe TC	956	4.8	2.2	7.0	7.6	10.2	11.8	11.7
Fayettev'le TI	2,824	13.1	4.0	17.1	17.0	20.8	20.9	21.1
Forsyth TC	2,507	8.3	4.8	13.1	17.0	19.8	19.2	19.7
Gaston Col.	2,030	9.2	2.8	12.0	9.7	10.2	12.9	12.4
Guilford TCC	3,515	9.3	3.6	12.9	11.7	14.4	15.8	17.0
Halifax CC	538	10.1	4.0	14.1	15.7	15.4	16.6	15.3
Haywood TC	713	10.1	2.4	12.5	9.6	13.5	11.8	11.6
Isothermal CC	1,064	8.0	2.5	10.5	9.0	9.5	9.9	9.4
J. Sprunt TC	560	7.3	1.7	9.0	9.9	10.1	14.8	11.4
Johnston TC	1,279	7.0	3.2	10.2	11.3	13.0	17.0	13.7
Lenoir CC	1,444	8.7	2.6	11.3	10.9	12.3	13.7	14.2
Martin CC	680	3.7	1.6	5.3	6.1	7.6	8.9	8.2

Average Weekly Use of Student Stations in Classrooms

Table 5

INSTITUTION	No. of Stations	Daytime	Nighttime	All Hours				
				1985	1984	1983	1982	1981
Technical and Community Colleges:								
Mayland TC	333	10.2	2.8	13.0	13.2	14.8	12.3	12.0
McDowell TC	455	3.8	3.5	7.3	7.5	6.2	6.6	6.6
Mitchell CC	1,279	6.3	2.8	9.1	10.0	10.7	11.8	12.3
Montgomery TC	189	5.7	3.2	8.9	11.3	12.7	15.4	17.2
Nash TC	646	8.9	6.1	15.0	12.2	12.2	12.1	11.9
Pamlico TC	190	5.3	1.8	7.1	5.4	5.4	6.4	3.7
Piedmont TC	472	5.2	2.8	8.0	10.3	11.2	17.2	15.6
Pitt CC	1,311	11.5	3.9	15.4	14.3	17.6	19.4	18.4
Randolph TC	487	13.1	5.4	18.5	18.3	17.8	16.0	15.9
Richmond TC	710	8.8	3.7	12.5	12.6	12.6	15.3	13.9
Roanoke-Cho. TC	512	8.4	2.1	10.5	10.3	8.9	11.5	11.0
Robeson TC	675	7.5	4.1	11.6	12.4	11.4	17.8	19.1
Rockingham CC	1,201	10.2	2.7	12.9	10.9	12.6	13.7	12.4
Rowan TC	1,735	7.4	3.8	11.2	9.8	12.3	9.8	9.5
Sampson TC	546	8.6	4.7	13.3	15.6	14.6	17.4	16.1
Sandhills CC	1,264	11.3	2.3	13.6	13.7	15.4	16.0	16.5
Southeastern CC	1,181	8.0	2.6	10.6	9.3	9.3	10.4	9.5
Southwestern TC	825	10.2	1.8	12.0	8.8	15.1	13.4	16.9
Stanly TC	589	8.5	3.0	11.5	10.8	11.5	12.4	11.1
Surry CC	850	12.7	3.3	16.0	16.1	15.7	17.5	18.1
TC Alamance	1,307	10.1	4.4	14.5	15.5	16.9	17.1	15.9
Tri-County CC	460	4.9	5.1	10.0	7.8	9.4	11.0	10.4
Vance-Granv. CC	890	8.1	3.8	11.9	10.2	11.6	10.9	14.0
Wake TC	1,766	14.5	3.2	17.7	16.2	18.0	18.1	18.7
Wayne CC	1,607	10.2	3.0	13.2	12.4	15.0	15.6	15.8
W. Piedmont CC	671	11.5	4.2	15.7	11.9	12.1	13.2	14.1
Wilkes CC	1,092	10.2	2.7	12.9	12.7	13.6	14.7	13.9
Wilson Co. TC	727	8.6	4.1	12.7	11.4	13.7	14.9	19.9
TOTAL	63,095	9.7	3.8	13.5	12.9	14.3	15.5	15.4

TABLE 6:
AVERAGE WEEKLY USE OF STUDENT STATIONS IN CLASS LABORATORIES

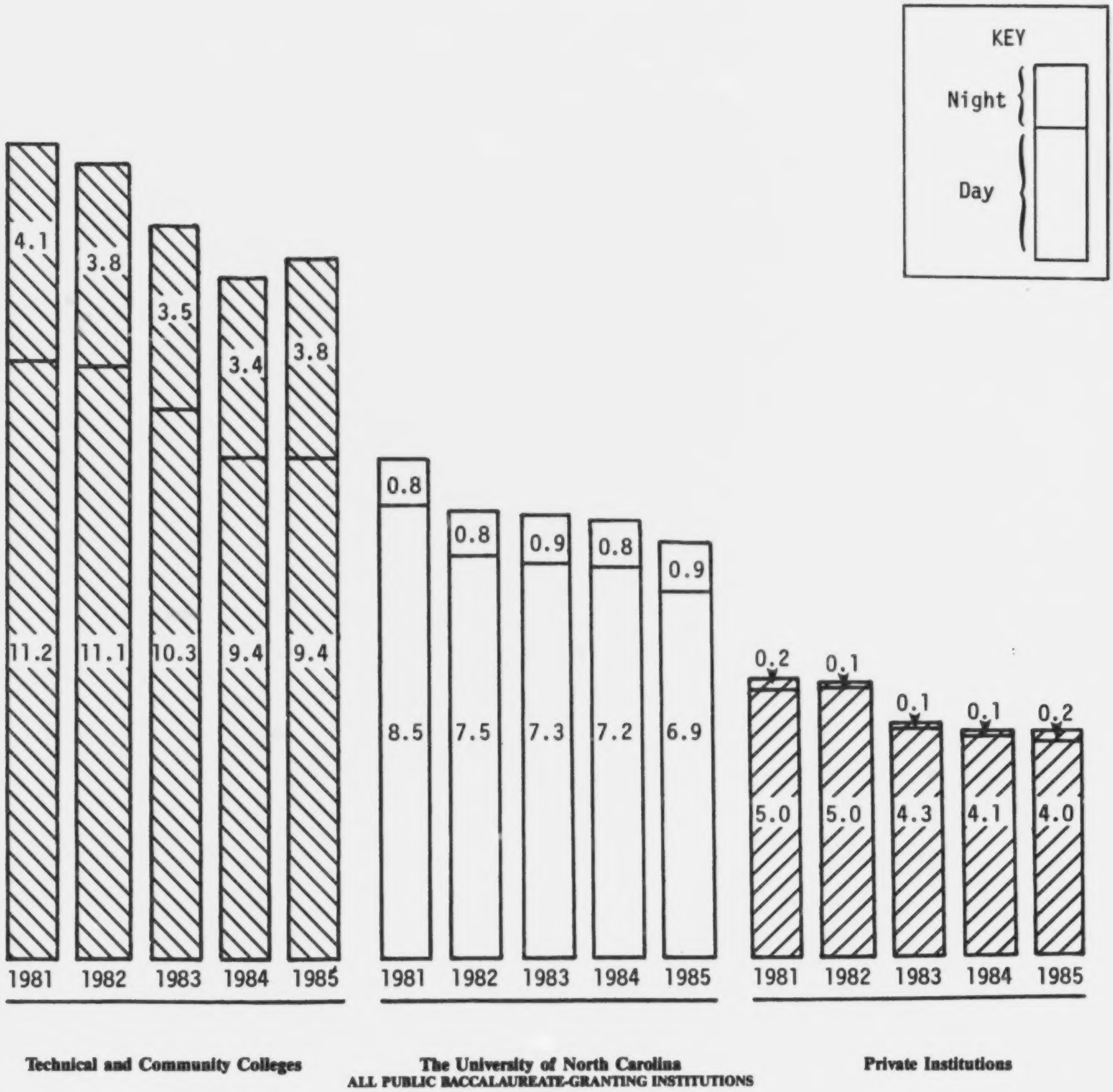
Average weekly use of student stations in class laboratories is calculated by dividing the total number of student clock hours generated in class laboratories by the total number of student stations in class laboratories. More generally, it can be thought of as the average number of hours each week that each class lab student station is used.

For the current year, Table 6 reports the total number of class lab student stations and breaks down the average weekly use figure into daytime and nighttime utilization. (See page 30 for a discussion of what the term class laboratory includes and page 24 for precise definitions of daytime and nighttime utilization.) For purposes of comparison, this table also lists the average weekly use of student stations for the previous four years.

The average weekly use of student stations can serve as an indicator of the adequacy of the number of stations in class laboratories. A norm which has been frequently cited is 16 hours. This figure is based on the assumption that the average weekly use of class labs is 20 hours (see Table 4) and that there is 80% utilization of student stations when class labs are in use (see Table 7). Most North Carolina colleges and universities fall considerably below this norm. This fact suggests a surplus of class laboratory student stations but gives no indication whether this surplus exists for all types of class laboratories or is limited to the labs of certain academic disciplines.

$$\text{AVERAGE WEEKLY USE OF STUDENT STATIONS IN CLASS LABORATORIES} = \frac{\text{TOTAL STUDENT CLOCK HOURS IN CLASS LABORATORIES}}{\text{TOTAL STUDENT STATIONS IN CLASS LABORATORIES}}$$

AVERAGE WEEKLY USE OF STUDENT STATIONS IN CLASS LABORATORIES



Average Weekly Use of Student Stations in Class Laboratories

Table 6

INSTITUTION	No. of Stations	Daytime	Nighttime	All Hours				
				1985	1984	1983	1982	1981
Major Research Universities:								
NC State	4,549	8.8	1.0	9.8	10.5	9.8	9.5	9.6
NC State Vet.	-	-	-	-	-	-	-	-
UNC-Chapel Hill	2,064	9.0	1.3	10.3	11.4	9.9	9.3	13.8
UNC-Health Aff.	-	-	-	-	-	-	-	-
SUBTOTAL	6,613	8.9	1.1	10.0	10.8	9.9	9.4	11.1
Other Doctoral Universities:								
UNC-Greensboro	2,318	5.2	0.5	5.7	5.2	4.5	5.2	5.5
Comprehensive Universities:								
Appalachian	1,726	6.5	0.3	6.8	7.6	9.9	10.0	8.7
East Carolina	2,976	9.1	1.2	10.3	10.7	10.5	12.0	13.3
ECU-Health Aff.	-	-	-	-	-	-	-	-
Fayetteville	1,234	5.4	1.3	6.7	-	-	-	-
NC A & T	3,505	3.6	0.7	4.3	3.9	4.5	5.6	5.7
NC Central	1,360	3.6	0.4	4.0	4.2	5.2	5.3	5.6
UNC-Charlotte	1,871	10.3	1.6	11.9	12.4	13.5	12.2	12.6
UNC-Wilmington	906	9.2	1.1	10.3	-	-	-	-
West'n Carolina	1,568	5.4	0.3	5.7	5.8	5.8	6.2	6.6
SUBTOTAL	15,146	6.5	0.9	7.4	7.5	8.2	8.8	8.9
Gen. Baccalaureate Universities:								
Elizabeth City	827	3.5	0.4	3.9	4.9	5.1	5.2	16.4
Fayetteville	-	-	-	-	6.3	6.3	6.3	6.7
Pembroke	731	5.3	0.6	5.9	4.8	4.4	4.8	6.7
UNC-Asheville	426	7.2	1.7	8.9	10.2	7.9	6.6	7.4
UNC-Wilmington	-	-	-	-	10.1	10.6	10.1	9.7
Winston-Salem	584	4.1	0.6	4.7	3.8	5.4	5.4	6.0
SUBTOTAL	2,568	4.7	0.7	5.4	6.5	6.6	6.4	9.3

Average Weekly Use of Student Stations in Class Laboratories

Table 6

INSTITUTION	No. of Stations	Daytime	Nighttime	All Hours				
				1985	1984	1983	1982	1981
Specialized Institution:								
NC Sch. of Arts	1,270	8.7	1.4	10.1	9.8	11.3	12.3	10.4
Technical and Community Colleges:								
SUBTOTAL	42,571	9.4	3.8	13.2	12.8	13.8	14.9	15.3
			PRIVATE INSTITUTIONS					
Major Research Universities:								
SUBTOTAL	2,241	6.0	0.1	6.1	5.8	5.7	6.8	6.4
Gen. Baccalaureate Colleges:								
SUBTOTAL	13,037	3.5	0.2	3.7	3.8	4.0	4.6	4.8
Junior Colleges:								
SUBTOTAL	2,614	4.8	0.1	4.9	4.7	5.3	5.8	6.2
GRAND TOTAL	88,378	7.5	2.2	9.7	9.5	10.1	10.8	11.2

Average Weekly Use of Student Stations in Class Laboratories

Table 6

INSTITUTION	No. of Stations	Daytime	Nighttime	All Hours				
				1985	1984	1983	1982	1981
Technical and Community Colleges:								
Anson TC	279	6.9	2.8	9.7	8.0	10.3	13.5	14.7
Ashev'le-Bun. TC	897	11.2	3.9	15.1	13.6	16.8	16.5	16.0
Beaufort Co. CC	504	6.1	3.5	9.6	7.5	9.4	12.9	10.9
Bladen TC	432	8.2	4.2	12.4	8.5	7.6	10.7	13.2
Blue Ridge TC	501	8.5	5.9	14.4	13.0	10.7	11.3	12.5
Brunswick TC	328	7.3	4.8	12.1	10.4	13.4	15.8	10.8
Caldwell CC & TI	624	11.4	6.2	17.6	16.6	19.8	18.1	20.2
Cape Fear TI	823	14.4	5.6	20.0	17.8	22.0	25.0	23.8
Carteret TC	544	7.1	3.2	10.3	10.1	11.9	12.3	11.4
Catawba Vy. TC	986	7.9	5.4	13.3	10.7	13.2	12.3	11.7
C. Carolina TC	676	10.4	4.2	14.6	14.9	14.9	15.1	16.0
C. Piedmont CC	2,693	12.7	5.0	17.7	18.8	22.4	23.0	23.8
Cleveland TC	1,022	3.8	3.7	7.5	7.8	8.2	9.6	12.0
Coastal Car. CC	801	12.0	3.3	15.3	13.7	14.3	14.2	17.2
Col. Albemarle	773	7.0	2.7	9.7	8.3	10.6	9.5	10.6
Craven CC	693	11.6	4.1	15.7	16.1	15.7	15.5	19.9
Davidson Co. CC	730	7.8	2.6	10.4	10.4	11.0	12.2	10.3
Durham TI	927	10.0	5.7	15.7	13.2	12.9	19.3	20.9
Edgecombe TC	535	5.1	2.4	7.5	5.5	8.6	9.4	8.8
Fayettev'le TI	1,224	11.6	2.2	13.8	14.9	18.2	17.8	16.4
Forsyth TC	1,319	8.7	4.4	13.1	15.7	18.0	20.2	21.3
Gaston Col.	1,196	7.2	3.6	10.8	9.6	7.0	12.2	10.8
Guilford TCC	1,946	9.7	4.9	14.6	13.6	15.4	15.3	17.8
Halifax CC	454	8.1	2.4	10.5	9.3	12.3	13.2	12.7
Haywood TC	1,171	12.7	2.6	15.3	13.2	14.3	18.9	18.6
Isothermal CC	741	9.5	3.6	13.1	14.5	12.4	14.9	11.3
J. Sprunt TC	462	9.2	2.5	11.7	11.0	16.0	13.4	9.9
Johnston TC	723	8.7	2.6	11.3	11.2	13.9	15.5	16.8
Lenoir CC	953	7.0	2.8	9.8	13.6	15.5	16.0	14.6
Martin CC	657	6.6	1.9	8.5	8.2	6.3	7.3	7.7

Average Weekly Use of Student Stations in Class Laboratories

Table 6

INSTITUTION	No. of Stations	Daytime	Nighttime	All Hours				
				1985	1984	1983	1982	1981
Technical and Community Colleges:								
Mayland TC	290	7.2	3.9	11.1	13.2	11.0	12.4	9.1
McDowell TC	507	8.0	4.1	12.1	12.9	13.8	15.1	14.5
Mitchell CC	744	5.1	3.7	8.8	10.4	12.6	10.7	11.2
Montgomery TC	368	6.6	3.5	10.1	11.5	12.2	14.7	18.8
Nash TC	506	11.1	6.5	17.6	11.1	11.2	12.9	16.6
Pamlico TC	121	5.2	3.8	9.0	8.5	10.4	12.3	10.2
Piedmont TC	457	4.9	2.5	7.4	6.3	8.1	12.0	13.7
Pitt CC	794	11.9	4.1	16.0	16.4	15.3	19.0	19.9
Randolph TC	675	13.0	3.9	16.9	15.4	16.3	17.6	16.5
Richmond TC	503	9.9	4.7	14.6	13.0	15.0	14.5	16.6
Roanoke-Cho. TC	339	9.7	2.1	11.8	11.5	11.7	13.8	11.8
Robeson TC	775	8.7	4.0	12.7	10.0	12.0	15.6	16.6
Rockingham CC	633	8.6	3.0	11.6	12.8	11.4	12.8	12.0
Rowan TC	886	7.0	3.8	10.8	14.7	13.2	13.5	11.9
Sampson TC	427	13.1	6.1	19.2	16.8	15.1	15.8	19.2
Sandhills CC	949	8.5	1.9	10.4	10.3	10.8	11.5	8.1
Southeastern CC	741	8.4	1.5	9.9	9.0	10.6	10.7	11.1
Southwestern TC	700	5.3	1.0	6.3	6.8	7.9	7.6	12.6
Stanly TC	445	7.8	3.6	11.4	11.3	10.2	9.6	10.2
Surry CC	667	13.9	4.8	18.7	17.4	16.5	18.4	16.6
TC Alamance	766	10.6	4.4	15.0	14.5	16.9	14.4	15.1
Tri-County CC	383	6.1	6.7	12.8	11.8	12.3	13.9	16.9
Vance-Granv. CC	641	8.0	5.2	13.2	13.3	13.4	12.7	15.8
Wake TC	847	14.1	3.9	18.0	19.9	20.4	21.4	21.8
Wayne CC	1,078	10.4	2.2	12.6	13.6	13.9	15.9	15.1
W. Piedmont CC	530	12.8	4.6	17.4	14.6	14.0	13.3	15.3
Wilkes CC	537	9.4	2.7	12.1	10.7	12.0	13.5	13.9
Wilson Co. TC	648	7.9	4.8	12.7	12.2	10.9	10.9	14.1
TOTAL	42,571	9.4	3.8	13.2	12.8	13.8	14.9	15.3

TABLE 7:
PERCENT STUDENT STATION UTILIZATION, CLASSROOMS AND CLASS LABORATORIES

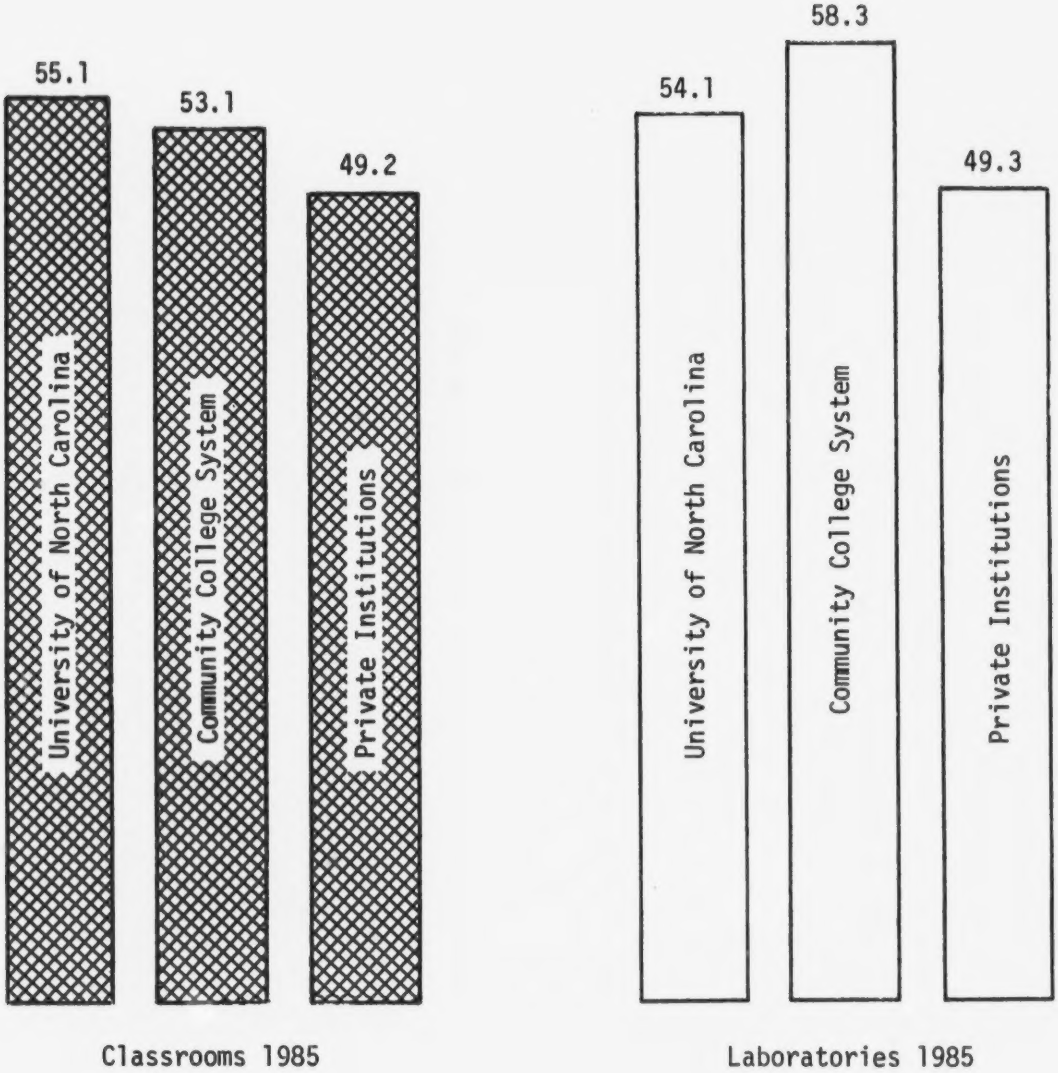
The percent student station utilization indicates the average percentage of student stations that are occupied when classrooms or class laboratories are in use. It is calculated by dividing the student clock hours generated in classrooms (or class labs) by the potential student clock hours for classrooms (or class labs) and multiplying by 100 to convert to a percentage. Potential student clock hours is computed on a room-by-room basis by multiplying the number of student stations in each room by the room hours of instruction generated by the room (Tables 3 and 4). It indicates the number of student clock hours which would be generated if every room were filled to capacity (i.e., if the number of students equalled the number of stations) each time a course met in the room.

It is important to keep in mind that the percent student station utilization assesses the utilization of rooms only when they are in use. This figure is therefore a helpful indicator of how close to capacity an institution's courses are to the rooms in which they are scheduled. It does not, however, indicate the over-all efficiency of utilization since it does not take into account how frequently a room is used.

Frequently cited norms for percent student station utilization are 60% for classrooms and 80% for class laboratories. The higher percentage for class labs reflects the assumption that these rooms, although used less frequently than classrooms because of their specialized equipment, are usually closer to being filled to capacity when they are in use. Data for North Carolina colleges and universities, however, indicate that the percent student station utilization in class labs is not significantly higher than in classrooms. For both types of rooms, the average percentage is less than 60%.

$$\text{PERCENT STUDENT STATION UTILIZATION IN CLASSROOMS (OR CLASS LABS)} = \frac{\text{STUDENT CLOCK HOURS IN CLASSROOMS (OR CLASS LABS)}}{\text{POTENTIAL STUDENT CLOCK HOURS IN CLASSROOMS (OR CLASS LABS)}}$$

PERCENT STUDENT STATION UTILIZATION, CLASSROOMS AND CLASS LABORATORIES



Percent Student Station Utilization, Classrooms and Class Laboratories

Table 7

INSTITUTION	Classrooms					Laboratories				
	1985	1984	1983	1982	1981	1985	1984	1983	1982	1981
Major Research Universities:										
NC State	57.5	59.6	58.8	59.7	58.1	68.4	71.8	68.7	58.3	65.9
NC State Vet.	-	-	-	-	-	-	-	-	-	-
UNC-Chapel Hill	57.9	58.8	58.8	61.4	59.6	55.8	62.6	56.8	59.1	68.6
UNC-Health Aff.	-	-	-	-	-	-	-	-	-	-
SUBTOTAL	57.7	59.2	58.8	60.5	58.8	63.7	68.4	63.8	58.6	67.1
Other Doctoral Universities:										
UNC-Greensboro	57.3	54.7	55.2	51.1	51.3	40.8	47.6	41.5	40.7	40.5
Comprehensive Universities:										
Appalachian	53.4	53.8	56.7	58.8	50.0	45.0	52.8	60.7	57.2	50.8
East Carolina	57.0	58.5	59.7	56.8	55.1	58.0	63.2	65.1	68.1	71.9
ECU-Health Aff.	-	-	-	-	-	-	-	-	-	-
Fayetteville	52.1	-	-	-	-	48.2	-	-	-	-
NC A & T	56.8	52.3	51.0	53.4	54.3	42.8	40.5	46.7	48.2	48.4
NC Central	47.3	46.6	53.5	55.5	56.6	53.1	49.3	55.4	60.0	59.2
UNC-Charlotte	55.9	56.4	56.4	58.0	58.2	70.1	67.0	68.9	68.0	69.7
UNC-Wilmington	55.5	-	-	-	-	57.9	-	-	-	-
West'n Carolina	51.5	53.9	54.2	55.4	57.1	37.5	40.2	40.0	43.2	49.5
SUBTOTAL	54.4	54.5	56.0	56.8	54.8	52.3	54.5	58.1	58.9	59.7
Gen. Baccalaureate Universities:										
Elizabeth City	45.2	42.5	42.1	38.4	44.1	36.6	44.4	44.3	47.0	64.7
Fayetteville	-	48.4	54.4	53.8	58.2	-	48.0	45.0	54.5	56.2
Pembroke	48.8	49.6	48.0	49.4	43.9	58.0	56.5	46.4	45.0	47.0
UNC-Asheville	47.2	63.0	53.1	39.1	40.8	58.1	72.3	52.3	42.1	56.8
UNC-Wilmington	-	56.1	55.7	55.0	53.8	-	56.7	60.1	60.6	58.4
Winston-Salem	48.0	46.7	45.5	43.4	46.2	51.3	47.8	61.9	59.4	62.1
SUBTOTAL	47.4	52.1	51.0	47.7	48.7	50.0	52.7	50.9	52.2	58.7

Percent Student Station Utilization, Classrooms and Class Laboratories

Table 7

INSTITUTION	Classrooms					Laboratories				
	1985	1984	1983	1982	1981	1985	1984	1983	1982	1981
Specialized Institution:										
NC Sch. of Arts	47.3	63.6	62.0	60.0	54.8	50.7	47.5	55.7	54.2	55.8
Technical and Community Colleges:										
SUBTOTAL	53.1	50.9	55.0	59.4	59.5	58.3	56.0	59.0	63.0	65.3
PRIVATE INSTITUTIONS										
Major Research Universities:										
SUBTOTAL	52.1	52.0	53.4	54.6	56.2	72.9	78.3	74.4	75.6	71.7
Gen. Baccalaureate Colleges:										
SUBTOTAL	47.0	47.7	49.1	49.1	49.0	45.2	44.6	45.9	47.0	46.5
Junior Colleges:										
SUBTOTAL	57.4	57.6	57.2	57.9	59.3	49.4	50.3	51.3	57.3	58.0
GRAND TOTAL	53.1	52.9	54.6	56.0	55.5	56.3	55.6	57.6	60.0	62.0

Percent Student Station Utilization, Classrooms and Class Laboratories

Table 7

INSTITUTION	Classrooms					Laboratories				
	1985	1984	1983	1982	1981	1985	1984	1983	1982	1981
Technical and Community Colleges:										
Anson TC	48.9	20.4	37.0	34.6	42.1	41.1	34.7	39.2	46.4	50.6
Ashev'le-Bun. TC	58.0	56.7	56.1	67.7	61.8	71.8	69.0	73.3	77.6	77.5
Beaufort Co. CC	44.7	39.8	51.3	48.2	49.5	58.5	47.4	56.4	64.9	59.5
Bladen TC	56.4	58.8	57.6	80.0	68.9	67.2	53.5	60.2	61.7	74.3
Blue Ridge TC	58.6	56.2	57.2	58.3	61.6	48.9	52.2	48.8	51.3	48.7
Brunswick TC	51.6	53.2	65.4	74.4	68.4	67.4	63.0	65.3	80.9	52.4
Caldwell CC & TI	58.0	58.0	57.6	63.3	62.8	62.2	58.7	71.3	63.5	71.8
Cape Fear TI	78.1	69.6	80.0	85.0	83.1	81.0	70.7	80.9	85.9	87.9
Carteret TC	56.1	55.5	58.7	65.9	56.3	56.8	49.0	56.7	63.4	62.7
Catawba Vy. TC	63.8	55.3	64.2	66.8	68.4	59.6	49.6	59.9	59.8	64.9
C. Carolina TC	58.5	54.9	55.1	64.2	66.0	60.0	56.4	57.1	58.8	58.6
C. Piedmont CC	54.8	51.1	57.4	61.3	62.0	57.7	52.4	57.5	62.5	68.1
Cleveland TC	48.7	44.1	45.9	53.1	53.4	46.1	52.4	46.8	58.9	69.6
Coastal Car. CC	71.9	69.8	69.4	73.2	74.2	67.7	73.1	68.1	72.4	76.7
Col. Albemarle	43.8	40.4	50.5	58.8	56.4	52.4	51.2	61.0	59.9	67.5
Craven CC	47.5	46.8	46.1	54.1	57.2	54.7	55.0	54.7	55.9	65.0
Davidson Co. CC	52.0	52.4	55.2	62.8	62.9	54.7	53.7	53.2	57.1	54.9
Durham TI	58.2	53.8	56.8	67.2	62.2	76.4	61.2	67.3	65.7	69.7
Edgecombe TC	40.9	41.5	44.9	48.1	51.1	45.9	38.8	48.0	47.6	51.1
Fayettev'le TI	48.3	50.7	55.2	59.9	57.2	56.9	59.2	68.1	70.8	70.2
Forsyth TC	61.6	60.7	65.0	67.7	63.1	68.3	61.9	69.9	73.7	75.7
Gaston Col.	57.1	51.8	58.5	57.4	62.9	72.5	66.6	55.9	66.9	71.6
Guilford TCC	56.1	48.6	52.3	61.9	62.4	72.6	60.2	49.5	67.1	73.6
Halifax CC	49.0	49.4	47.5	48.7	53.6	46.3	38.7	51.8	52.8	53.2
Haywood TC	45.9	44.5	51.7	55.7	49.8	59.1	57.7	67.0	74.8	75.6
Isothermal CC	43.9	36.1	47.6	53.6	47.9	48.2	45.8	44.7	59.9	49.8
J. Sprunt TC	48.3	48.5	46.5	55.7	48.8	48.7	43.3	70.6	58.7	48.9
Johnston TC	48.4	44.1	49.7	61.5	57.0	54.1	51.7	56.6	52.0	55.4
Lenoir CC	53.0	53.2	57.6	64.3	67.5	50.6	61.0	62.5	64.7	61.0
Martin CC	37.4	41.1	47.3	45.7	44.3	47.3	46.0	37.7	44.4	46.4

Percent Student Station Utilization, Classrooms and Class Laboratories

Table 7

INSTITUTION	Classrooms					Laboratories				
	1985	1984	1983	1982	1981	1985	1984	1983	1982	1981
Technical and Community Colleges:										
Mayland TC	39.4	40.7	45.3	46.1	40.2	37.6	47.1	37.9	56.4	37.2
McDowell TC	39.3	46.2	44.7	49.5	46.7	47.9	50.6	52.6	61.6	56.4
Mitchell CC	48.7	46.9	47.9	49.9	55.1	55.2	54.7	58.2	58.1	62.2
Montgomery TC	36.2	49.5	62.9	70.1	66.9	45.9	45.2	57.3	56.2	64.1
Nash TC	50.9	50.7	53.9	62.1	54.2	70.7	59.6	65.2	71.3	79.6
Pamlico TC	43.2	34.4	39.9	55.2	29.9	54.9	42.8	42.5	51.4	49.7
Piedmont TC	45.4	46.0	51.7	62.7	66.8	56.3	49.2	51.5	64.5	54.8
Pitt CC	51.1	49.5	52.7	53.1	53.2	51.9	55.0	54.5	57.7	64.9
Randolph TC	70.4	73.6	70.6	69.3	76.6	76.9	74.8	73.3	80.6	85.3
Richmond TC	50.6	50.3	47.6	44.1	46.2	72.3	58.6	63.1	64.7	62.1
Roanoke-Cho. TC	55.3	55.4	59.6	55.8	61.9	42.1	51.2	44.2	46.9	45.1
Robeson TC	53.8	55.6	57.7	61.3	59.1	58.9	53.7	58.0	63.1	64.6
Rockingham CC	54.3	51.8	54.1	59.7	61.1	53.0	55.4	64.2	64.0	65.9
Rowan TC	47.0	46.1	52.6	49.1	49.1	55.5	65.8	60.1	71.0	67.0
Sampson TC	44.3	51.0	61.8	60.8	55.1	57.3	55.9	67.0	51.3	54.1
Sandhills CC	51.7	50.6	56.8	54.7	65.0	48.3	47.6	56.5	54.0	65.7
Southeastern CC	52.3	44.2	44.3	49.2	48.3	62.5	56.8	59.7	50.3	58.0
Southwestern TC	50.1	36.6	45.5	48.8	78.6	46.0	49.7	56.3	56.5	74.8
Stanly TC	44.9	58.7	47.5	54.7	48.5	42.3	43.8	40.4	50.8	48.2
Surry CC	64.4	67.1	68.2	70.8	73.6	65.5	63.1	60.6	65.9	69.9
TC Alamance	49.2	49.3	56.5	60.5	60.2	57.8	57.2	65.8	66.7	61.3
Tri-County CC	53.0	41.8	45.5	52.9	49.8	53.0	51.4	55.8	61.2	64.6
Vance-Granv. CC	45.3	43.5	49.6	47.3	57.5	55.0	56.1	61.7	58.6	70.6
Wake TC	58.1	58.9	63.0	68.2	69.6	71.1	80.8	79.1	84.2	84.4
Wayne CC	48.6	51.7	54.3	55.2	56.7	53.1	57.0	60.2	66.6	61.9
W. Piedmont CC	55.9	44.4	50.9	52.6	52.9	60.5	52.8	60.0	56.9	64.1
Wilkes CC	45.6	49.5	51.1	60.6	53.9	53.4	45.5	45.9	53.0	56.8
Wilson Co. TC	50.1	45.9	51.0	58.7	70.7	45.7	58.0	44.1	54.3	55.6
TOTAL	53.1	50.9	55.0	59.4	59.5	58.3	56.0	59.0	63.0	65.3

TABLE 8:
STUDENT CLOCK HOURS OF INSTRUCTION

This table indicates the weekly student clock hours of instruction being conducted at the end of the fall add-drop period. Student clock hours are computed by multiplying for each course the number of hours that the course meets each week by the number of students enrolled. (To compute the number of hours that the course meets each week, the class length is rounded to the nearest half hour and multiplied by the number of times the class meets weekly.) The data reflect both credit and non-credit courses which were at least eight weeks in duration.

The columns headed "Laboratories" reflect instruction conducted only in class laboratories (room code 210). A precise definition of class laboratory is provided on page 30. The columns headed "Other" reflect instruction in rooms coded other than 110 or 210 (e.g., other types of laboratories, physical education facilities, offices). An outline of the room code structure is contained on page 118.

The number of clock hours conducted in a particular category of space is a function of the number of students enrolled, the nature of the instructional programs being pursued by the students, and the instructional philosophy of the institution. As a result, the number of student clock hours generated per FTE student varies greatly by type of institution:

INSTITUTIONAL GROUP	STUDENT CLOCK HR./FTE
By Control:	
University of North Carolina	15
Private Institutions	14
Technical/Community Colleges	23
By Level:	
Major Research Universities	15
Other Baccalaureate-Granting Institutions	15
Two-year Institutions	23
ALL NORTH CAROLINA INSTITUTIONS	17

Student Clock Hours of Instruction

Table 8

INSTITUTION	1985			1984			1983		
	Classrooms	Laboratories	Other	Classrooms	Laboratories	Other	Classrooms	Laboratories	Other
Major Research Universities:									
NC State	266,204.5	44,614.5	9,610.5	264,925.5	46,803.5	13,336.0	254,931.0	39,114.5	19,012.0
NC State Vet.	-	-	-	-	-	-	-	-	-
UNC-Chapel Hill	215,828.5	21,412.5	14,462.0	207,584.0	23,823.5	10,577.5	209,868.5	22,166.0	10,749.5
UNC-Health Aff.	-	-	-	-	-	-	-	-	-
SUBTOTAL	482,033.0	66,027.0	24,072.5	472,509.5	70,627.0	23,913.5	464,799.5	61,280.5	29,761.5
Other Doctoral Universities:									
UNC-Greensboro	98,673.0	13,140.5	10,267.0	96,121.5	11,309.0	11,835.0	97,163.0	9,946.0	13,395.5
Comprehensive Universities:									
Appalachian	119,445.5	11,819.5	5,631.5	117,094.0	13,457.5	4,687.5	114,535.0	18,120.0	2,354.0
East Carolina	138,568.5	30,478.5	6,571.5	136,739.0	31,565.0	6,570.0	135,545.5	31,463.0	5,664.5
ECU-Health Aff.	-	-	-	-	-	-	-	-	-
Fayetteville	28,607.0	8,220.0	1,503.0	-	-	-	-	-	-
NC A & T	65,554.0	15,157.0	6,774.0	60,194.5	12,050.0	7,255.0	57,859.5	13,525.0	8,431.5
NC Central	47,453.0	5,454.0	3,897.0	47,392.0	5,270.5	4,727.0	52,082.0	6,477.0	5,542.0
UNC-Charlotte	110,194.5	22,268.5	6,603.0	105,383.5	23,424.5	6,646.5	104,770.5	25,329.0	5,270.0
UNC-Wilmington	66,044.0	9,291.0	4,289.5	-	-	-	-	-	-
West'n Carolina	57,788.5	8,965.0	13,204.0	61,540.0	9,939.0	16,437.0	61,374.0	9,902.0	15,087.5
SUBTOTAL	633,655.0	111,653.5	48,473.5	528,343.0	95,706.5	46,323.0	526,166.5	104,816.0	42,349.5
Gen. Baccalaureate Universities:									
Elizabeth City	19,468.5	3,242.0	3,818.5	18,722.5	5,822.5	1,204.5	17,541.0	5,700.0	2,851.0
Fayetteville	-	-	-	25,385.0	7,529.0	1,267.5	26,671.0	7,567.5	2,565.0
Pembroke	21,517.0	4,275.5	2,008.0	20,925.5	3,552.0	1,708.0	20,510.0	3,103.5	1,955.0
UNC-Asheville	26,283.5	3,815.5	3,339.0	32,677.5	4,393.0	3,583.5	25,861.5	3,439.0	3,691.0
UNC-Wilmington	-	-	-	63,128.0	9,087.0	5,028.0	61,132.0	10,028.5	4,632.0
Winston-Salem	26,365.0	2,752.0	3,309.0	26,192.0	2,157.0	4,080.0	24,892.5	2,830.0	4,019.0
SUBTOTAL	93,634.0	14,085.0	12,474.5	187,030.5	32,540.5	16,871.5	176,608.0	32,668.5	19,713.0
Specialized Institution:									
NC Sch. of Arts	4,759.0	12,838.0	2,229.5	6,880.5	12,363.5	2,529.0	5,791.0	14,000.5	7,740.0
Technical and Community Colleges:									
SUBTOTAL	850,826.0	562,395.5	103,922.0	795,814.0	528,313.0	95,753.0	864,585.5	555,121.5	81,333.5
PRIVATE INSTITUTIONS									
Major Research Universities:									
SUBTOTAL	147,761.0	13,692.5	10,908.5	149,761.0	13,015.0	11,983.0	145,174.0	13,330.0	13,108.5
Gen. Baccalaureate Colleges:									
SUBTOTAL	372,710.5	49,066.5	46,057.5	368,355.0	49,302.5	40,715.5	373,427.5	49,298.0	44,161.0
Junior Colleges:									
SUBTOTAL	59,224.0	12,951.0	6,515.5	58,750.0	12,203.5	8,042.5	64,893.5	14,234.0	7,736.5
GRAND TOTAL	2,743,275.5	855,849.5	264,920.5	2,663,565.0	825,380.5	257,966.0	2,718,608.5	854,695.0	259,299.0

Student Clock Hours of Instruction

Table 8

INSTITUTION	1985			1984			1983		
	Classrooms	Laboratories	Other	Classrooms	Laboratories	Other	Classrooms	Laboratories	Other
Technical and Community Colleges:									
Anson TC	2,205.0	2,707.0	403.0	1,418.0	2,420.0	289.0	1,930.0	3,111.0	470.0
Ashev'le-Bun. TC	22,235.0	13,486.0	4,044.0	21,424.5	11,995.0	1,246.0	26,368.0	13,877.5	1,036.0
Beaufort Co. CC	9,160.0	4,856.5	75.0	7,851.0	3,403.0	12.0	8,237.5	4,143.0	214.0
Bladen TC	2,834.0	5,341.0	-	2,611.0	3,002.5	213.0	3,094.5	2,362.5	73.0
Blue Ridge TC	9,332.5	7,194.5	193.0	9,803.0	7,018.0	195.0	9,508.5	6,431.5	274.0
Brunswick TC	5,415.0	3,949.5	235.5	5,081.5	3,557.5	344.5	3,735.5	3,371.5	343.0
Caldwell CC & TI	11,101.0	11,037.5	2,332.5	11,259.5	10,309.5	1,406.0	11,245.0	12,269.0	1,087.0
Cape Fear TI	15,121.0	16,478.0	3,160.0	12,426.0	14,600.5	4,470.0	14,345.0	18,076.0	2,122.0
Carteret TC	12,460.5	5,644.0	5.0	10,849.5	5,062.0	-	10,354.0	5,946.5	426.0
Catawba Vy. TC	18,568.5	13,072.0	1,808.0	16,167.5	11,126.5	1,638.0	18,164.0	13,329.0	2,595.0
C. Carolina TC	15,376.5	9,843.5	1,917.5	14,536.0	9,003.0	894.0	16,843.5	9,491.0	726.5
C. Piedmont TC	92,137.0	47,592.0	8,370.0	87,540.0	48,289.0	7,772.5	93,299.5	55,686.0	7,425.0
Cleveland TC	9,649.0	7,645.5	4,961.0	9,918.0	7,525.5	4,872.0	10,102.0	7,425.0	2,300.5
Coastal Car. CC	28,310.0	12,287.0	3,069.0	24,875.0	10,937.0	2,095.0	24,647.5	11,454.0	2,934.0
Col. Albemarle	9,430.0	7,502.0	3,418.0	7,973.0	5,535.0	2,097.0	11,878.0	7,584.5	1,692.0
Craven CC	14,958.0	10,858.5	1,307.0	13,167.5	11,506.5	2,448.0	9,877.5	9,437.0	1,174.0
Davidson Co. CC	20,503.5	7,618.0	2,207.0	19,057.0	7,601.5	2,511.5	19,830.0	9,299.5	1,120.0
Durham TI	19,292.5	14,626.5	2,817.5	22,893.0	11,379.0	1,822.0	22,511.0	11,442.5	1,229.0
Edgecombe TC	6,694.5	4,054.5	346.5	6,950.0	2,777.0	941.5	8,943.5	4,120.0	493.0
Fayettev'le TI	48,131.0	16,853.0	1,917.0	48,038.0	17,569.0	2,141.5	53,925.0	20,004.0	1,991.0
Forsyth TC	32,914.0	17,319.0	1,929.5	23,691.0	15,241.0	1,542.0	27,202.0	17,055.0	1,921.0
Gaston Col.	24,493.5	12,850.0	2,338.0	19,607.5	11,534.0	2,776.5	21,179.5	9,247.5	1,483.0
Guilford TCC	45,269.5	28,511.5	4,721.0	36,962.0	23,242.5	4,416.0	40,254.5	22,167.0	8,094.0
Halifax CC	7,563.5	4,734.5	2,346.0	8,415.0	4,443.5	3,897.5	8,253.0	5,651.5	1,069.5
Haywood TC	8,938.5	17,938.5	1,045.0	7,268.0	15,503.5	1,096.0	9,182.0	16,408.5	981.0
Isothermal CC	11,158.5	9,696.0	4,541.5	9,653.5	10,577.0	4,784.0	9,627.0	7,825.0	5,457.0
J. Sprunt TC	4,996.0	5,407.5	174.0	5,554.5	5,078.0	441.0	5,583.5	7,251.0	1,555.0
Johnston TC	13,048.5	8,155.5	645.0	12,849.5	7,764.5	520.5	14,752.5	9,637.0	90.0
Lenoir CC	16,294.0	9,349.5	3,018.0	15,820.5	12,154.0	4,333.0	17,223.0	13,444.5	699.0
Martin CC	3,558.0	5,580.5	1,166.0	4,141.5	5,284.5	1,247.0	4,692.0	4,495.0	2,675.0
Mayland TC	4,322.0	3,225.0	644.0	4,412.5	3,509.5	567.0	5,384.5	2,814.0	438.0
McDowell TC	3,319.5	6,100.5	244.0	3,433.0	6,545.0	954.0	3,001.5	6,533.5	286.0
Mitchell CC	11,635.5	6,570.5	743.0	12,597.5	7,531.0	737.5	11,600.5	6,707.0	883.5
Montgomery TC	1,684.0	3,723.5	1,274.0	2,025.0	4,218.5	330.0	3,410.0	4,487.0	247.0
Nash TC	9,721.0	8,878.0	140.0	9,772.0	5,582.0	1,458.0	8,956.5	5,753.5	18.0
Pamlico TC	1,353.0	1,091.0	35.0	1,074.0	1,039.0	240.0	974.0	1,249.0	238.0
Piedmont TC	3,771.0	3,399.5	1,352.0	5,078.5	2,665.0	1,054.0	5,504.5	2,984.0	657.5
Pitt CC	20,156.0	12,724.0	1,520.5	18,782.0	13,031.5	1,686.0	21,865.0	11,542.0	1,308.0
Randolph TC	9,036.0	11,446.0	1,610.0	8,785.0	10,126.5	1,644.0	8,504.5	10,712.0	1,754.0
Richmond TC	8,833.5	7,352.5	2,312.5	8,964.5	6,570.0	1,358.0	10,854.5	7,555.0	1,282.0
Roanoke-Cho. TC	5,347.0	4,001.5	1,561.0	5,695.0	4,376.5	578.0	4,164.0	4,431.0	363.0
Robeson TC	7,866.5	9,846.0	1,676.0	8,374.5	7,531.0	1,325.5	7,697.0	8,808.5	1,060.0
Rockingham CC	15,509.0	7,316.0	901.0	13,019.5	8,143.0	576.0	15,343.5	7,508.0	757.0
Rowan TC	19,370.5	9,524.0	547.0	15,745.0	10,199.0	1,200.0	21,484.5	9,547.0	88.0
Sampson TC	7,236.0	8,193.5	1,398.5	8,588.0	7,091.5	166.0	8,785.0	6,853.5	27.0
Sandhills CC	17,245.0	9,931.5	1,473.5	17,246.0	9,687.0	1,822.0	19,095.5	10,189.0	1,725.0
Southeastern CC	12,496.0	7,322.5	2,707.0	11,589.0	6,914.0	2,150.0	11,578.5	8,180.5	1,805.0
Southwestern TC	9,965.5	4,453.0	3,554.0	7,009.0	5,258.0	3,443.0	12,486.0	5,933.0	944.0
Stanly TC	6,766.0	5,078.5	994.5	9,009.0	4,818.0	108.0	8,339.5	4,328.0	583.0
Surry CC	13,593.0	12,430.0	1,883.0	13,573.5	11,333.0	1,807.5	14,070.0	9,883.5	1,350.0
TC Alamance	18,940.0	11,481.5	2,229.5	18,353.0	10,028.0	1,138.0	19,101.5	12,184.0	1,311.5
Tri-County CC	4,621.0	4,892.0	846.0	4,836.0	4,513.0	1,468.0	4,984.5	4,870.5	1,348.0
Vance-Granv. CC	10,591.0	8,459.0	60.0	9,098.5	8,877.0	116.0	10,393.0	8,955.0	-
Wake TC	31,197.5	15,240.0	2,862.0	28,901.5	16,213.0	1,100.0	30,609.5	15,196.0	1,656.0
Wayne CC	21,243.0	13,585.5	1,167.5	20,014.0	14,705.0	1,260.0	24,039.5	14,940.5	966.0
W. Piedmont CC	10,511.0	9,195.5	1,868.0	9,267.0	8,989.5	1,125.0	10,385.0	8,142.5	1,011.0
Wilkes CC	14,096.0	6,489.0	1,555.0	13,682.0	5,700.0	1,512.5	14,271.0	5,926.0	1,224.0
Wilson Co. TC	9,252.0	8,257.0	2,253.0	9,087.5	7,679.0	2,367.0	10,914.0	6,865.0	4,253.5
TOTAL	850,826.0	562,395.5	103,922.0	795,814.0	528,313.0	95,753.0	864,585.5	555,121.5	81,333.5

TABLE 9:
SPACE FACTORS

A space factor is the assignable square feet of a given type of space divided by the student clock hours of instruction generated from that type of space. It is very useful to facilities planners in that it combines into a single factor the concepts of weekly room hours (Tables 3 and 4), percent student station utilization (Table 7), and assignable square feet per student station (Tables 16 and 17). The lower the space factor, the more effectively the space is being utilized for instructional purposes.

Space factors can be specifically defined in two ways. For Table 9, the formula:

$$\text{Space Factor} = \frac{\text{Assignable Square Feet}}{\text{Student Clock Hours}}$$

is used. Note that space factors must relate to a specified type of space. Therefore, for example, a classroom space factor is calculated by dividing the assignable square feet of classroom space by the student clock hours generated in classrooms.

An alternative formula is:

$$\text{Space Factor} = \frac{\text{Assignable Sq. Ft./Station}}{\text{Avg. Weekly Room Hours X Percent Station Utilization}}$$

Although the two are equivalent, they may produce slightly different results because of the rounding which is inherent in the second formula. The second formula is nevertheless useful in calculating space factor norms.

Classrooms. If the norms cited for Tables 3, 7, and 16 are used for the three factors which comprise the second formula, the result is a space factor of .89:

$$\text{Classroom Space Factor} = \frac{16}{30 \text{ X } .60} = 0.89$$

Although this represents a frequently cited norm for classroom space factors, it is considerably lower (i.e., more efficient) than the classroom space factors of most North Carolina institutions. A more relevant norm can be calculated by using the state averages for the three required indices:

$$\text{Classroom Space Factor} = \frac{17}{22.2 \text{ X } .546} = 1.40$$

Class Laboratories. The average assignable square footage per station in class laboratories varies widely among different types of labs. (Page 130 provides some average figures for selected labs.) This variance results in a wide range of space factors and makes the defining of norms difficult.

A useful way to approach this problem is to distinguish between engineering/mechanical class labs and other class labs. Most engineering/mechanical labs require relatively large amounts of space per station because of the equipment that is used. One hundred square feet per station is a reasonable mean for these labs. Using this figure, and the norms cited for Tables 4 and 7, the following space factor is derived:

$$\text{Engineering/Mechanical Lab Space Factor} = \frac{100}{20 \times .80} = 6.25$$

Other kinds of class labs require considerably less space per student station. If 40 square feet is used as the norm, the following space factor is derived:

$$\text{"Other Lab" Space Factor} = \frac{40}{20 \times .80} = 2.5$$

Teaching Areas. Teaching areas represent the sum of classroom and class laboratory space. A space factor norm for teaching areas has not been derived, but the group means can be useful in assessing the extent of utilization.

Table 10 has also been developed to assist institutions in analyzing their utilization data. High, low, and weighted means are reported for average weekly room hours, percent student station utilization, and space factors in both classrooms and class laboratories.

Space Factors

Table 9

INSTITUTION	Classrooms					Laboratories					Teaching Areas				
	1985	1984	1983	1982	1981	1985	1984	1983	1982	1981	1985	1984	1983	1982	1981
Major Research Universities:															
NC State	0.77	0.78	0.82	0.88	0.88	5.86	5.60	6.12	6.44	6.28	1.50	1.50	1.53	1.65	1.62
NC State Vet.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
UNC-Chapel Hill	0.95	0.96	0.97	0.99	0.97	3.84	3.51	4.11	4.32	2.94	1.21	1.23	1.27	1.31	1.23
UNC-Health Aff.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SUBTOTAL	0.85	0.86	0.89	0.93	0.93	5.21	4.90	5.40	5.69	4.77	1.38	1.39	1.41	1.50	1.44
Other Doctoral Universities:															
UNC-Greensboro	1.33	1.41	1.51	1.28	1.32	6.87	7.21	7.66	6.05	5.89	1.98	2.02	2.08	1.83	1.88
Comprehensive Universities:															
Appalachian	1.15	1.17	1.15	1.11	1.23	4.65	4.16	3.26	3.26	3.98	1.46	1.47	1.44	1.39	1.59
East Carolina	1.06	1.07	1.07	1.06	1.04	4.15	4.01	4.02	3.64	3.54	1.62	1.63	1.63	1.58	1.54
ECU-Health Aff.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fayetteville	1.32	-	-	-	-	3.97	-	-	-	-	1.91	-	-	-	-
NC A & T	1.73	1.88	1.97	1.77	1.67	7.26	8.85	7.86	6.23	5.78	2.76	3.04	3.09	2.72	2.59
NC Central	2.25	2.05	1.72	1.62	1.45	8.96	8.19	6.66	6.47	6.00	2.94	2.66	2.26	2.14	1.93
UNC-Charlotte	0.80	0.74	0.73	0.74	0.75	3.38	3.15	2.91	3.26	3.21	1.24	1.18	1.16	1.18	1.21
UNC-Wilmington	0.75	-	-	-	-	3.48	-	-	-	-	1.09	-	-	-	-
West'n Carolina	1.55	1.48	1.59	1.68	1.48	6.98	7.18	6.95	6.65	6.13	2.28	2.27	2.34	2.39	2.16
SUBTOTAL	1.22	1.26	1.25	1.22	1.19	4.86	4.99	4.56	4.35	4.30	1.76	1.83	1.80	1.74	1.72
Gen. Baccalaureate Universities:															
Elizabeth City	1.67	2.00	2.07	2.02	1.45	10.59	7.34	7.16	7.07	2.31	2.95	3.26	3.32	3.28	1.85
Fayetteville	-	1.49	1.26	1.37	1.27	-	4.13	4.24	4.52	4.13	-	2.09	1.92	2.13	2.02
Pembroke	2.21	2.25	2.34	2.11	1.93	4.58	5.51	6.18	5.73	4.11	2.60	2.72	2.85	2.57	2.28
UNC-Asheville	1.17	0.94	1.18	1.30	1.42	4.65	4.04	5.16	5.73	5.43	1.61	1.31	1.65	1.81	2.04
UNC-Wilmington	-	0.79	0.83	0.86	0.77	-	3.51	3.30	3.75	3.74	-	1.13	1.18	1.23	1.16
Winston-Salem	2.39	2.41	2.13	1.99	1.86	6.76	8.42	5.87	5.59	5.12	2.80	2.86	2.51	2.36	2.21
SUBTOTAL	1.86	1.42	1.43	1.43	1.32	6.41	4.95	4.88	5.10	3.56	2.45	1.94	1.97	2.00	1.78
Specialized Institution:															
NC Sch. of Arts	3.13	2.16	2.57	3.14	2.01	5.67	5.89	5.55	5.09	4.37	4.98	4.55	4.68	4.62	3.74
Technical and Community Colleges:															
SUBTOTAL	1.43	1.48	1.33	1.24	1.26	3.99	4.15	3.89	3.61	3.57	2.45	2.55	2.33	2.16	2.17
PRIVATE INSTITUTIONS															
Major Research Universities:															
SUBTOTAL	1.41	1.43	1.44	1.47	1.37	6.45	6.68	6.86	5.77	6.03	1.84	1.85	1.90	1.92	1.82
Gen. Baccalaureate Colleges:															
SUBTOTAL	1.72	1.76	1.68	1.65	1.64	8.72	8.59	8.20	6.99	6.82	2.53	2.57	2.44	2.35	2.32
Junior Colleges:															
SUBTOTAL	1.83	1.87	1.75	1.68	1.62	7.06	7.43	6.55	5.83	5.42	2.77	2.83	2.61	2.42	2.32
GRAND TOTAL	1.34	1.37	1.32	1.28	1.27	4.66	4.77	4.53	4.24	4.08	2.13	2.17	2.09	2.01	1.97

Space Factors

Table 9

INSTITUTION	Classrooms					Laboratories					Teaching Areas				
	1985	1984	1983	1982	1981	1985	1984	1983	1982	1981	1985	1984	1983	1982	1981
Technical and Community Colleges:															
Anson TC	2.31	5.61	4.12	4.18	4.74	5.76	7.12	5.54	4.25	4.51	4.21	6.57	5.00	4.23	4.58
Ashev'le-Bun. TC	1.89	1.95	1.56	1.52	1.44	4.40	4.95	3.93	3.99	4.08	2.84	3.03	2.38	2.35	2.36
Beaufort Co. CC	2.13	2.61	2.33	2.07	2.10	6.49	8.72	7.08	5.34	6.43	3.64	4.45	3.92	3.32	3.53
Bladen TC	1.86	1.75	1.74	1.35	1.47	5.26	7.89	9.40	6.79	5.49	4.08	5.04	5.05	3.80	3.54
Blue Ridge TC	1.27	1.46	1.66	1.50	1.38	5.50	5.96	6.30	5.99	5.14	3.11	3.34	3.53	3.26	2.72
Brunswick TC	1.95	1.81	2.11	2.83	2.25	4.83	5.57	4.85	2.74	3.87	3.17	3.36	3.41	2.78	3.00
Caldwell CC & TI	1.40	1.38	1.38	1.13	1.18	3.46	3.68	3.09	3.18	3.01	2.43	2.48	2.27	2.14	2.13
Cape Fear TI	1.02	1.24	1.07	0.97	1.08	3.46	3.91	3.16	2.72	2.89	2.29	2.68	2.23	1.97	2.09
Carteret TC	1.46	1.48	1.46	1.33	1.40	5.04	5.53	4.71	4.66	5.17	2.58	2.77	2.64	2.52	2.70
Catawba Vy. TC	1.64	1.75	1.45	1.37	1.36	4.38	5.11	4.29	4.65	5.03	2.77	3.12	2.65	2.58	2.61
C. Carolina TC	1.05	1.06	0.94	0.85	0.89	3.66	3.36	3.27	3.21	3.03	2.07	1.94	1.78	1.68	1.69
C. Piedmont TC	0.87	0.91	0.84	0.80	0.78	2.52	2.40	2.06	2.04	2.16	1.43	1.43	1.29	1.27	1.29
Cleveland TC	2.06	2.18	2.14	2.18	2.68	5.65	5.43	5.29	4.13	3.56	3.64	3.58	3.47	3.01	3.10
Coastal Car. CC	0.80	0.91	0.92	0.89	0.78	4.02	4.52	4.32	4.09	3.00	1.77	2.01	2.00	1.93	1.52
Col. Albemarle	1.56	1.60	1.15	1.14	1.24	4,69	5.75	4.41	4.85	4.34	2.95	3.30	2.42	2.49	2.52
Craven CC	1.20	1.32	1.62	1.30	1.08	2.43	2.72	3.02	3.11	2.02	1.72	1.97	2.31	2.16	1.60
Davidson Co. CC	1.37	1.47	1.25	0.94	1.12	4.59	4.57	4.16	3.88	4.68	2.24	2.36	2.18	1.73	1.98
Durham TI	1.27	1.08	1.07	0.94	1.05	3.46	4.22	4.17	2.93	2.77	2.21	2.12	2.12	1.68	1.79
Edgecombe TC	3.17	3.06	2.31	2.02	2.02	7,45	10.64	7.05	6.87	7.36	4.79	5.23	3.81	3.42	3.53
Fayettev'le TI	1.07	1.07	0.89	0.88	0.91	3,44	3.10	2.67	2.82	3.19	1.68	1.61	1.37	1.41	1.42
Forsyth TC	1.65	1.15	0.98	1.03	1.01	4.68	4.42	3.96	3.67	3.46	2.70	2.43	2.13	2.13	2.05
Gaston Col.	1.52	1.90	1.71	1.34	1.52	5.17	5.76	7.17	3.98	4.78	2.77	3.33	3.37	2.30	2.73
Guilford TCC	1.48	1.54	1.26	1.17	0.99	3,86	4.30	3.83	3.93	3.23	2.40	2.60	2.17	2.02	1.76
Halifax CC	1.44	1.29	1.29	1.19	1.31	4.27	4.98	3.75	3.55	3.83	2.53	2.57	2.29	2.14	2.21
Haywood TC	1.58	2.02	1.43	1.70	1.73	3.57	4.21	4.10	3.27	3.32	2.91	3.51	3.14	2.76	2.80
Isothermal CC	1.92	2.21	2.11	2.02	2.12	3.80	3.60	4.42	3.66	4.78	2.79	2.94	3.15	2.81	3.30
J. Sprunt TC	2.18	1.96	1.95	1.41	1.83	5,86	6.24	4.37	5.47	7.20	4.09	4.00	3.32	3.15	4.08
Johnston TC	1.92	1.67	1.50	1.23	1.57	4,27	5.35	4.35	3.29	2.63	2.82	3.06	2.62	2.06	2.04
Lenoir CC	1.64	1.73	1.54	1.40	1.34	4,14	3.21	2.85	2.76	3.15	2.55	2.37	2.11	1.97	2.06
Martin CC	4.37	3.75	3.09	2.69	2.92	6.85	6.94	8.39	7.21	6.87	5.88	5.54	5.68	4.91	4.99
Mayland TC	1.44	1.41	1.26	1.51	1.56	3.84	2.94	3.61	3.21	4.63	2.47	2.09	2.07	2.26	2.69
McDowell TC	3.10	3.00	3.63	3.40	3.45	3.52	3.28	3.21	2.90	3.11	3.37	3.18	3.34	3.06	3.21
Mitchell CC	2.20	1.96	1.84	1.47	1.42	5.14	4.36	4.29	5.64	5.56	3.26	2.86	2.74	2.87	2.70
Montgomery TC	3.08	2.57	2.22	1.82	1.61	5.57	4.92	4.62	3.80	3.00	4.80	4.15	3.59	2.97	2.55
Nash TC	1.47	1.74	1.54	1.64	1.71	3.38	4.89	5.13	3.93	2.83	2.39	2.89	2.95	2.55	2.29
Pamlico TC	3.22	4.51	4.28	3.56	6.23	9.05	9.50	7.90	7.12	8.58	5.82	6.96	6.32	5.49	7.72
Piedmont TC	2.69	2.13	2.01	1.20	1.40	6.93	8.76	7.59	4.26	4.31	4.70	4.41	3.97	2.36	2.39
Pitt CC	1.25	1.34	1.06	0.97	1.04	3.07	3.00	3.34	2.87	2.78	1.95	2.02	1.85	1.67	1.74
Randolph TC	1.35	1.39	1.44	1.57	1.62	4,12	4.66	4.41	4.08	4.54	2.90	3.14	3.09	3.10	3.25
Richmond TC	1.59	1.56	1.46	1.19	1.31	4.62	5.16	4.49	4.64	4.07	2.96	3.09	2.70	2.45	2.46
Roanoke-Cho. TC	2.19	2.19	2.54	2.07	2.28	4.07	4.72	5.18	4.76	4.93	3.00	3.29	3.90	3.31	3.48
Robeson TC	1.88	1.77	1.92	1.24	1.16	4,00	5.23	4.47	3.44	3.22	3.06	3.41	3.28	2.32	2.17
Rockingham CC	1.44	1.72	1.50	1.39	1.56	5,46	4.86	5.25	4.62	5.08	2.73	2.93	2.73	2.48	2.79
Rowan TC	1.61	1.75	1.40	1.76	1.77	4.59	3.62	3.93	3.90	4.48	2.60	2.49	2.18	2.53	2.63
Sampson TC	1.32	1.13	1.23	1.15	1.22	2.56	2.96	3.35	3.72	2.58	1.97	1.96	2.16	2.21	1.86
Sandhills CC	1.29	1.29	1.13	1.07	1.03	4.01	4.03	3.86	3.47	5.20	2.28	2.27	2.08	1.87	2.03
Southeastern CC	1.73	1.98	1.98	1.82	1.98	4.34	4.61	3.89	3.88	3.85	2.69	2.96	2.78	2.61	2.70
Southwestern TC	1.52	1.91	1.15	1.34	1.69	5,93	5.52	4.73	5.04	3.77	2.88	3.46	2.30	2.62	2.54
Stanly TC	1.89	1.89	1.73	1.60	1.63	3.09	3.11	3.46	3.66	3.79	2.40	2.32	2.32	2.24	2.41
Surry CC	1.46	1.41	1.46	1.32	1.32	2.53	2.78	3.04	2.74	3.06	1.97	2.03	2.12	1.91	2.01
TC Alamance	1.09	1.03	0.92	0.93	1.02	2,99	2.75	2.40	2.79	2.57	1.81	1.64	1.50	1.59	1.62
Tri-County CC	2.43	2.76	2.45	2.09	2.02	6.46	7.00	6.49	5.71	5.12	4.50	4.81	4.44	3.83	3.73
Vance-Granv. CC	1.53	1.78	1.56	1.69	1.35	3.16	3.06	3.03	3.30	2.84	2.25	2.41	2.24	2.46	2.03
Wake TC	1.01	1.08	0.99	0.98	0.94	3.28	3.10	3.00	3.10	3.13	1.75	1.81	1.66	1.66	1.69
Wayne CC	1.29	1.37	1.14	1.08	1.09	3.62	3.35	3.30	2.89	3.06	2.20	2.21	1.97	1.82	1.86
W. Piedmont CC	1.31	1.43	1.45	1.34	1.25	2.58	2.46	2.85	3.07	2.73	1.90	1.93	2.06	2.04	1.90
Wilkes CC	1.52	1.54	1.45	1.36	1.45	4.39	4.97	4.60	3.99	3.98	2.42	2.55	2.37	2.17	2.23
Wilson Co. TC	1.56	1.70	1.37	1.27	1.04	4.87	5.46	6.18	6.12	4.66	3.12	3.42	3.23	3.10	2.59
TOTAL	1.43	1.48	1.33	1.24	1.26	3,99	4.15	3.89	3.61	3.57	2.45	2.55	2.33	2.16	2.17

Range of Selected Space Utilization Indices for Classrooms

Table 10

INSTITUTION	Room Hours Per Week			% Student Station Utilization			Space Factor		
	High	Mean	Low	High	Mean	Low	High	Mean	Low
Major Research Universities:	31.1	28.8	26.3	57.9	57.7	57.5	0.95	0.85	0.77
Other Doctoral Universities:*	20.8	20.8	20.8	57.3	57.3	57.3	1.33	1.33	1.33
Comprehensive Universities:	34.6	23.4	14.0	57.0	54.4	47.3	2.25	1.22	0.75
Gen. Baccalaureate Universities:	31.4	18.3	14.1	48.8	47.4	45.2	2.39	1.86	1.17
Specialized Institution:*	12.2	12.2	12.2	47.3	47.3	47.3	3.13	3.13	3.13
Technical and Comm. Colleges:	35.0	23.9	13.3	78.1	53.1	36.2	4.37	1.43	0.80
PRIVATE INSTITUTIONS									
Major Research Universities:	19.5	18.8	18.4	55.8	52.1	50.3	1.45	1.41	1.34
Gen. Baccalaureate Colleges:	32.5	18.0	8.1	61.7	47.0	29.3	4.67	1.72	0.93
Junior Colleges:	20.1	16.4	14.2	68.9	57.4	47.3	2.31	1.83	1.31
STATE RANGE	35.0	22.2	8.1	78.1	53.1	29.3	4.67	1.34	0.75
TYPICAL STANDARD		30.0			60.0			0.83-0.90	

*Only one institution in this category

Range of Selected Space Utilization Indices for Class Laboratories

Table 10

INSTITUTION	Room Hours Per Week			% Student Station Utilization			Space Factor		
	High	Mean	Low	High	Mean	Low	High	Mean	Low
Major Research Universities:	16.1	12.5	11.3	68.4	63.7	55.8	5.86	5.21	3.84
Other Doctoral Universities:*	9.7	9.7	9.7	40.8	40.8	40.8	6.87	6.87	6.87
Comprehensive Universities:	16.2	12.1	6.1	70.1	52.3	37.5	8.96	4.86	3.38
Gen. Baccalaureate Universities:	13.5	10.2	7.9	58.1	50.0	36.6	10.59	6.41	4.58
Specialized Institution:*	16.9	16.9	16.9	50.7	50.7	50.7	5.67	5.67	5.67
Technical and Comm. Colleges:	30.6	20.9	11.6	81.0	58.3	37.6	9.05	3.99	2.43
PRIVATE INSTITUTIONS									
Major Research Universities:	8.0	7.1	6.7	78.4	72.9	63.9	6.51	6.45	6.42
Gen. Baccalaureate Colleges:	29.0	7.2	0.3	71.2	45.2	12.0	819.22	8.72	3.14
Junior Colleges:	11.0	8.1	6.5	65.3	49.4	42.9	9.98	7.06	5.15
STATE RANGE	30.6	15.6	0.3	81.0	56.3	12.0	819.22	4.66	2.43
TYPICAL STANDARD		20.0			80.0			3.00-5.00	

*Only one institution in this category

TABLE 11:
SPACE CRITERIA

The _Higher Education Facilities Planning and Management Manuals_, which are published by the Western Interstate Commission for Higher Education, provide one of the best sources of information on space criteria. Since all higher education institutions have been provided copies of the manuals, only highlights of space criteria will be provided in Table 11. It is recommended that the manuals be used for further information or assessments. In addition, this Commission is always ready to respond to queries on facilities matters.

Space Criteria

Table 11

CLASSROOMS:	Average	Range
Room Utilization Ratio	30 hours/week	20-32 hours/week
Station Occupancy Ratio	65%	45%-85%
Assignable Square Feet Per Student Station	18 ASF	10-25 ASF

LABORATORIES:	Average	Range
Room Utilization Ratio, Lower Division	24 hours	22-26 hours
Room Utilization Ratio, Upper Division	16 hours	14-18 hours
Station Occupancy Ratio, Lower Division	80%	75%-85%
Station Occupancy Ratio, Upper Division	60%	55-65%

Assignable Square Feet Per Station

Criteria vary from 15 to 150 ASF depending on academic program and course levels. Details are shown in Table 53 of Higher Education Facilities Planning and Management Manual Two. Some examples are:

Biology, general	30-40 ASF	Forestry	30-40 ASF
Fine Arts, general	30-50 ASF	Architecture	40-50 ASF
Letters	15-25 ASF	Engineering, general	40-70 ASF
Accounting	20-35 ASF	Business and Management	20-30 ASF
Automotive Technology	100-150 ASF	Sculpture, Ceramics	50-80 ASF
Nursing, practical	25-50 ASF	Music (Liberal Arts)	15-20 ASF

LIBRARIES:

Stack Unit Floor Area Criteria

Type of Stack Area	Average Bound Volumes per Assignable Square Foot	Average Assignable Square Feet per Volume
Open-Stack Reading Rooms	8 - 10	0.125 - 0.10
Open Stacks	10 - 12	0.10 - 0.083
Closed Stacks	12 - 15	0.083 - 0.067
High Density Compact Storage	40 - 60	0.025 - 0.017

Space Criteria

Table 11

LIBRARIES (Continued):

Reading Stations Unit Floor Area Criteria

Type of Station	Assignable Square Feet per Station
Open Tables and Chairs	20 - 25
Small Carrels	25 - 30
Research Carrels (Open)	30 - 35
Enclosed Studies (Faculty)	40 - 70
Microform and Audio/Visual Carrels	35 - 45
Typing Stations (Multiple Stations in an Enclosed Room)	25 - 35
Reading Lounge	25 - 30
Conference Rooms, Seminar Rooms and Small-Group Studies	20 - 25

Staff and Service Space Unit Floor Area Criteria

As a general guideline, the total staff and service facilities of a library may be expected to range from 25 percent (for a smaller library) to 18 percent (for a larger library) of the combined stack and reader floor area.

OFFICES:

ASSIGNABLE SQUARE FEET CRITERIA FOR OFFICE STATIONS

	Academic Departments		Nonacademic Departments	
Personnel Category	Single Occupancy ASF/Station	Multiple Occupancy ASF/Station	Single Occupancy ASF/Station	Multiple Occupancy ASF/Station
Administrator - President	N/A	N/A	300±50	N/A
Vice-Pres.	N/A	N/A	240±30	N/A
Dean	240±20	N/A	N/A	N/A
Chairman	180±20	N/A	N/A	N/A
Professional	120±10	90±10	120±20	90±10
Secretarial-Clerical	120±10	90±20	120±40	90±20
Graduate Assistants	N/A	50±10	N/A	N/A

Space Criteria

Table 11

OFFICES (Continued):

ASSIGNABLE SQUARE FEET CRITERIA FOR CONFERENCE ROOM AND CONFERENCE ROOM SERVICE FACILITIES

Conference Room Assignable Square Feet per Station		
Stations	Assignable Square Feet per Station	Conference Room Service Space in Assignable Square Feet
10	25	30±5
15	22	30±5
20	20	30±5
25	20	30±5
30	15	30±5

GENERAL USE FACILITIES UNIT FLOOR AREA CRITERIA:

Type of Facility	Item	Assignable Square Feet
1. Food Facilities	1. Dining Station - Family Size	12.5
	2. Dining Station - Cafeteria	11.0
	3. Dining Station - Snack Bar	10.0
2. Lounge Facilities	1. Station - Commons Room	20
3. Recreation Facilities	1. Lockers	6.75
	2. Meeting Room	20 ASF/Station
	3. Billiards	320 ASF/Table
	4. Bowling Alley	575 ASF/Lane
	5. Kitchenette	20
	6. Table Tennis	345 ASF/Table
4. Residential Facilities	1. Single Occupancy*	110 - 130
	2. Double Occupancy*	190 - 230
	3. Married - One Bedroom	570 - 650
	4. Married - Two Bedroom	620 - 750

*Toilets, washrooms, showers, and recreational space are not included.

TABLE 12:
ENROLLMENTS

The two primary measures of student populations are full-time equivalent (FTE) enrollment and headcount enrollment. FTE enrollment considers part-time students as fractions of full-time students through the use of a conversion formula which is described below. Headcount enrollment makes no distinction between full-time and part-time students.

FTE enrollments are generally more relevant than headcount enrollments in making space utilization assessments. Table 12, therefore, reports only FTE enrollments. This section, however, does describe some data trends in headcount enrollment.

FTE Enrollment

FTE enrollment as used in this study is based on the fall enrollment. It is defined as the number of full-time students (those carrying at least 75 percent of the normal credit hour load) plus the equivalent number of students enrolled for less than 75 percent of the normal full-time load. In obtaining the undergraduate FTE enrollment figures for The University of North Carolina and the Department of Community Colleges, a student carrying 12 or more credit hours is considered a full-time student. In those instances where a student takes less than 12 hours, the following method of calculating FTE students is used: a student with a load of 9 through 11 credit hours is the equivalent of 3/4 FTE; the student with a 6 through 8 credit hour load is the equivalent of 1/2 FTE; and a student with less than 6 credit hours is the equivalent of 1/4 FTE. In obtaining graduate FTE enrollment figures for The University of North Carolina, a student carrying 9 or more credit hours is considered a full-time student. In those instances where a graduate student takes less than 9 credit hours, the following method of equating is used: a student with a load of 6 through 8 credit hours is the equivalent of 3/4 FTE; the student with a 3 through 5 credit hour load is the equivalent of 1/2 FTE; and a student with less than 3 credit hours is the equivalent of 1/4 FTE.

For the community colleges and technical institutes, Table 12 lists only on-campus credit enrollments for 1981-1983. This means that instruction which took place in facilities not on a community college's campus would not be considered in determining the enrollments listed. For 1985, the on-campus FTE is provided, but as a means of comparison, the total FTE (representing both on-campus and off-campus instruction) is also listed for all institutions in the Community College System. Since the private colleges and universities and the constituent institutions of The University of North Carolina do not conduct a significant number of instructional courses off-campus, the total FTE enrollments which are listed may also be considered as approximating these institutions' campus-based enrollments.

Trends in Headcount Enrollments

In fall 1985, the total headcount enrollment for institutions of higher education in the United States and the District of Columbia was 12,247,055--virtually unchanged from the previous year.* The number of women enrolled in 1985 increased 0.8% over 1984, while the number of men decreased by the same percentage. Women represented 52.5% of the total headcount enrollment in 1985 and 57.3 of the part-time enrollment. Men still held a slight majority (51.0%) among full-time students.

Full-time enrollment decreased in 1985 by 0.3% over 1984, while part-time enrollment increased by 0.5%. Part-time students represented 42.2% of the 1985 total headcount enrollment.

The following table indicates the annual percentage changes in national headcount enrollments for the last five years:

	Overall Increase	Public Institutions	Private Institutions
1981	2.2	1.8	3.5
1982	0.4	0.5	0.2
1983	0.3	-0.1	1.9
1984	-1.8	-2.3	0.0
1985	0.0	0.2	-0.5

In North Carolina, total headcount enrollment increased by 5.8% in 1985. The number of women enrolled increased by 7.2%, while the number of men increased by 4.2%. Women comprised 52.4% of the full-time enrollment and 58.1% of the part-time enrollment in North Carolina.

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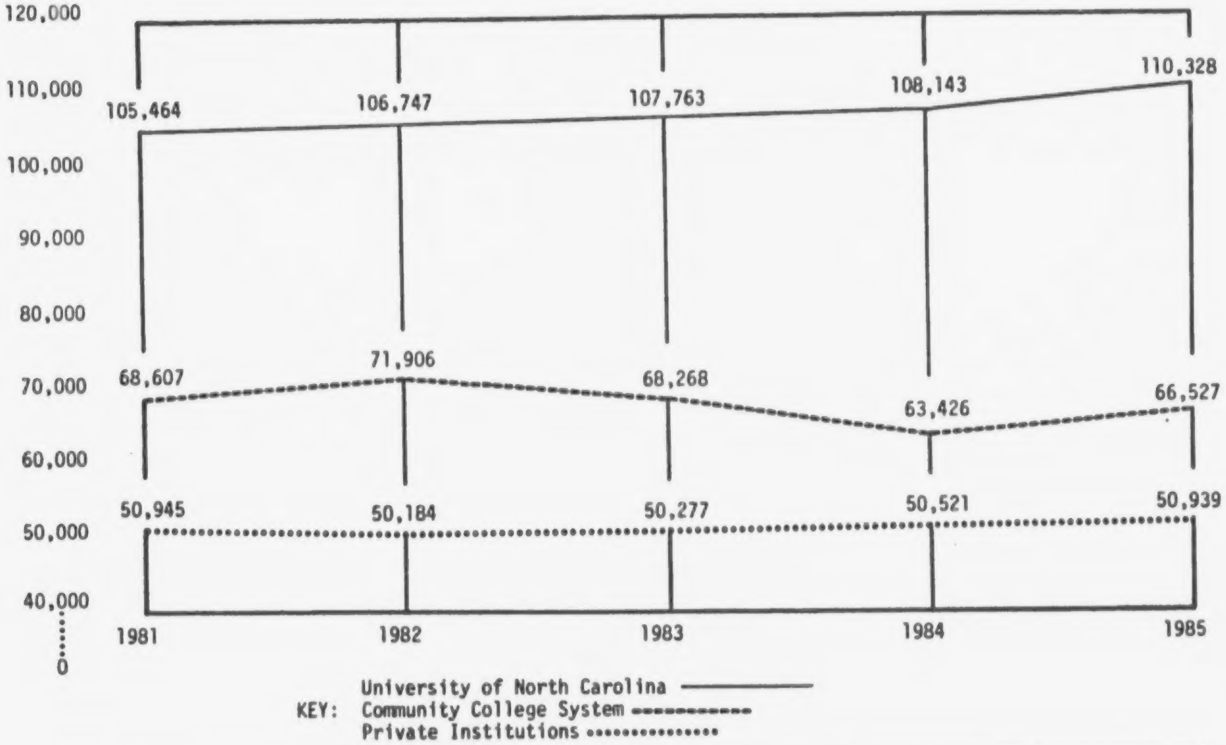
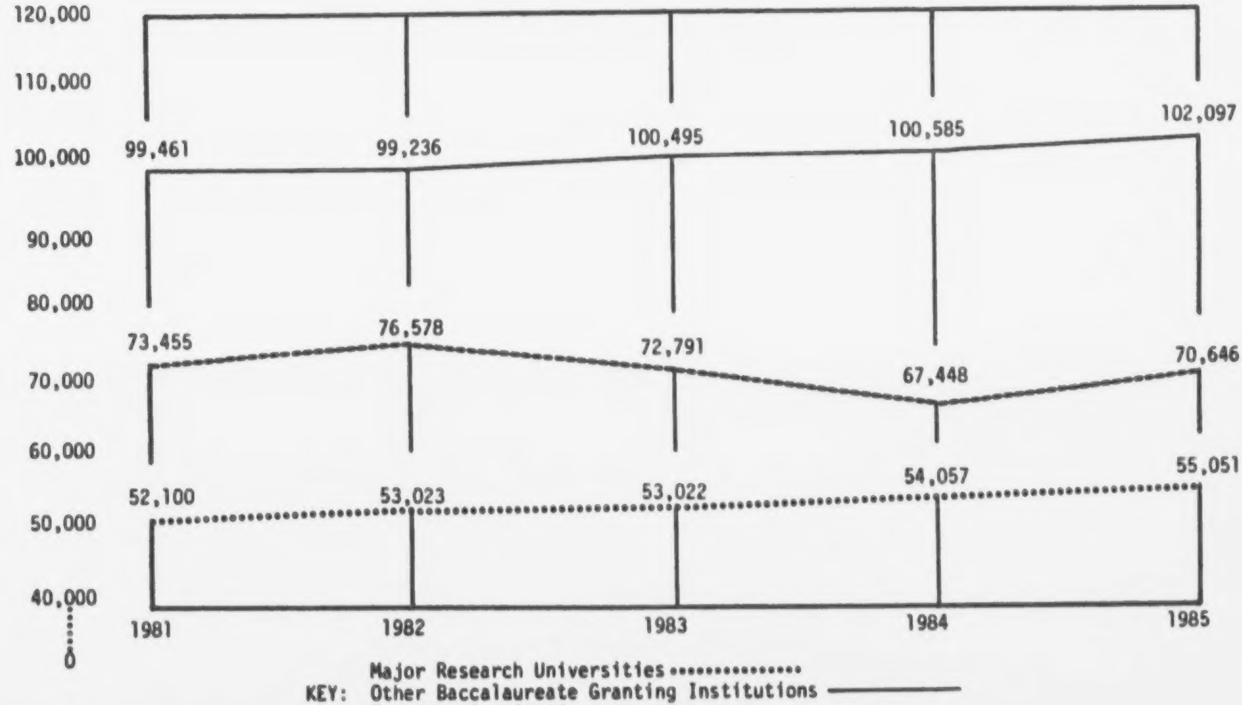
*All headcount enrollment data are based on statistics compiled by the National Center for Education Statistics.

FTE ENROLLMENTS

By Institutional Control:



By Institutional Level:



FTE Enrollments, Summary

Table 12

INSTITUTION	1985	1984	1983	1982	1981
Major Research Universities:	40,083	39,423	38,741	38,695	37,811
Other Doctoral Universities:	8,614	8,479	8,456	8,579	8,604
Comprehensive Universities:	53,475	44,877	45,413	44,752	44,606
Gen. Baccalaureate Universities:	7,678	14,868	14,624	14,191	13,951
Specialized Institution:	478	496	529	530	492
Technical and Community Colleges:	66,527	63,426	68,268	71,906	68,607
PRIVATE INSTITUTIONS					
Major Research Universities:	14,968	14,634	14,281	14,328	14,289
Gen. Baccalaureate Colleges:	31,852	31,865	31,473	31,184	31,808
Junior Colleges:	4,119	4,022	4,523	4,672	4,848
GRAND TOTAL	227,794	222,090	226,308	228,837	225,016

FTE Enrollments, Institutional

Table 12

INSTITUTION	1985	1984	1983	1982	1981
Major Research Univ.:					
NC State	19,718	19,471	18,678	18,555	18,103
NC State Vet.	253	221	150	-	-
UNC-Chapel Hill	17,026	16,598	16,740	16,993	16,636
UNC-Health Aff.	3,086	3,133	3,173	3,147	3,072
SUBTOTAL	40,083	39,423	38,741	38,695	37,811
Other Doctoral Univ.:					
UNC Greensboro	8,614	8,479	8,456	8,579	8,604
Comprehensive Univ.:					
Appalachian	9,132	8,898	9,144	9,328	9,055
East Carolina	11,655	11,324	10,914	10,951	10,908
ECU-Health Aff.	1,228	1,370	1,380	1,290	1,278
Fayetteville	2,615	-	-	-	-
NC A & T	5,224	4,965	5,221	4,760	5,059
NC Central	4,093	3,964	4,581	4,476	4,471
UNC-Charlotte	9,064	8,813	8,687	8,480	8,126
UNC-Wilmington	5,207	-	-	-	-
West'n Carolina	5,257	5,543	5,486	5,467	5,709
SUBTOTAL	53,475	44,877	45,413	44,752	44,606
Gen. Baccalaureate Univ.:					
Elizabeth City	1,475	1,501	1,417	1,463	1,523
Fayetteville	-	2,374	2,419	2,179	2,277
Pembroke	1,998	1,874	1,843	1,919	1,921
UNC-Asheville	2,022	1,965	1,938	1,835	1,575
UNC-Wilmington	-	4,960	4,863	4,749	4,563
Winston-Salem	2,183	2,194	2,144	2,046	2,092
SUBTOTAL	7,678	14,868	14,624	14,191	13,951
Specialized Inst.:					
NC Sch. of Arts	478	496	529	530	492

FTE Enrollments, Institutional

Table 12

INSTITUTION	1985*	1984	1983	1982	1981
Technical and Community Colleges:					
Anson TC	205 (466)	202	253	273	268
Ashev'le-Bun. TC	1,717 (1,803)	1,559	1,688	1,760	1,683
Beaufort Co. CC	642 (763)	565	575	655	617
Bladen TC	316 (408)	212	250	282	285
Blue Ridge TC	746 (818)	673	682	743	630
Brunswick TC	391 (403)	332	302	247	165
Caldwell CC & TI	835 (1,447)	1,142	1,201	1,299	1,174
Cape Fear TI	1,439 (1,439)	1,184	1,351	1,437	1,375
Carteret TC	692 (743)	615	716	699	622
Catawba Vy. TC	1,322 (1,542)	1,310	1,607	1,573	1,536
C. Carolina TC	1,281 (1,560)	1,156	1,312	1,410	1,381
C. Piedmont CC	6,838 (8,189)	6,415	7,141	8,043	7,292
Cleveland TC	690 (986)	724	845	957	978
Coastal Car. CC	2,146 (2,231)	1,944	1,719	1,742	1,699
Col. Albemarle	796 (1,013)	836	900	1,005	941
Craven CC	983 (1,422)	965	1,014	1,101	929
Davidson Co. CC	1,246 (1,455)	1,480	1,693	1,917	1,804
Durham TI	2,058 (2,305)	1,933	1,931	2,214	2,171
Edgecombe TC	733 (948)	616	779	736	653
Fayettev'le TI	3,442 (4,373)	3,212	3,779	3,752	3,586
Forsyth TC	2,302 (2,410)	1,969	2,109	2,115	2,102
Gaston Col.	2,203 (2,266)	1,943	2,065	2,279	2,152
Guilford TCC	3,014 (3,126)	3,027	2,811	2,698	2,920
Halifax CC	700 (847)	663	694	779	725
Haywood TC	831 (840)	712	794	784	778
Isothermal CC	1,184 (1,261)	995	1,240	1,286	1,179
J. Sprunt TC	448 (608)	480	523	547	503
Johnston TC	948 (1,317)	954	960	993	920
Lenoir CC	1,312 (1,512)	1,173	1,329	1,481	1,425
Martin CC	442 (469)	458	477	465	495

*Figures in parentheses represent total FTE enrollments (both on and off campus). See pages 69-70.

FTE Enrollments, Institutional

Table 12

INSTITUTION	1985*	1984	1983	1982	1981
Technical and Community Colleges:					
Mayland TC	383 (520)	369	420	399	358
McDowell TC	419 (454)	454	463	515	430
Mitchell CC	816 (894)	820	868	918	998
Montgomery TC	269 (396)	258	296	312	307
Nash TC	891 (1,015)	710	789	851	795
Pamlico TC	117 (117)	97	109	136	121
Piedmont TC	320 (572)	496	370	473	482
Pitt CC	1,601 (1,926)	1,591	1,709	1,733	1,698
Randolph TC	883 (883)	804	809	813	794
Richmond TC	758 (824)	777	860	918	923
Roanoke-Cho. TC	403 (460)	500	450	426	418
Robeson TC	782 (944)	656	739	800	798
Rockingham CC	1,032 (1,139)	973	1,081	1,215	1,156
Rowan TC	1,132 (1,419)	1,219	1,428	1,481	1,467
Sampson TC	643 (711)	613	610	609	664
Sandhills CC	1,361 (1,362)	1,330	1,456	1,441	1,324
Southeastern CC	999 (1,154)	951	1,063	1,092	1,121
Southwestern TC	665 (899)	664	741	725	624
Stanly TC	569 (640)	542	511	562	518
Surry CC	1,290 (1,654)	1,214	1,081	1,216	1,135
TC Alamance	1,319 (1,595)	1,245	1,408	1,418	1,299
Tri-County CC	445 (488)	446	480	528	493
Vance-Granv. CC	853 (1,007)	851	930	906	1,020
Wake TC	2,311 (2,967)	2,223	2,275	2,114	1,679
Wayne CC	1,494 (1,684)	1,479	1,712	1,961	2,011
W. Piedmont CC	1,236 (1,441)	997	1,027	1,020	1,074
Wilkes CC	857 (1,325)	940	1,068	1,138	1,063
Wilson Co. TC	777 (923)	758	775	914	849
TOTAL	66,527 (78,383)	63,426	68,268	71,906	68,607

*Figures in parentheses represent total FTE enrollments (both on and off campus). See pages 69-70.

FTE Enrollments, Institutional

Table 12

INSTITUTION	1985	1984	1983	1982	1981
PRIVATE INSTITUTIONS					
Major Research Universities:					
Duke	9,322	9,085	8,730	8,723	8,566
Duke Med. Ctr.	724	757	854	929	1,018
Wake Forest	4,494	4,364	4,271	4,250	4,274
Bowman Gray	428	428	426	426	431
SUBTOTAL	14,968	14,634	14,281	14,328	14,289
Gen. Baccalaureate Colleges:					
Atlantic Christian	1,138	1,227	1,385	1,425	1,448
Barber-Scotia	374	373	421	371	346
Belmont Abbey	846	837	805	783	795
Bennett	554	562	550	532	593
Campbell	2,365	2,676	2,540	2,523	2,414
Catawba	839	865	908	925	932
Davidson	1,396	1,369	1,368	1,400	1,409
Elon	2,672	2,574	2,528	2,457	2,396
Gardner-Webb	1,567	1,696	1,673	1,662	1,666
Greensboro	533	513	536	557	601
Guilford	1,422	1,422	1,400	1,423	1,447
High Point	1,268	1,254	1,270	1,279	1,319
Johnson C. Smith	1,251	1,254	1,115	1,172	1,285
Lenoir Rhyne	1,380	1,327	1,274	1,272	1,297
Livingstone	627	650	674	593	692
Mars Hill	1,270	1,234	1,353	1,382	1,557
Meredith	1,624	1,552	1,520	1,477	1,488
Methodist	1,077	859	686	681	799

FTE Enrollments, Institutional

Table 12

INSTITUTION	1985	1984	1983	1982	1981
Gen. Baccalaureate (Continued)					
Mount Olive	437	392	-	-	-
N. C. Wesleyan	503	553	578	589	633
Pfeiffer	746	716	724	722	742
Piedmont Bible	267	293	353	376	413
Queens	822	789	788	747	702
Sacred Heart	298	308	319	367	377
St. Andrews Presb.	721	701	693	691	726
St. Augustine's	1,661	1,691	1,615	1,547	1,601
Salem	592	620	619	557	601
Shaw	1,695	1,717	1,893	1,721	1,520
Warren Wilson	484	458	473	534	560
Wingate	1,423	1,383	1,412	1,419	1,449
SUBTOTAL	31,852	31,865	31,473	31,184	31,808
Junior Colleges:					
Brevard	658	649	677	714	713
Chowan	949	901	975	1,078	1,125
Lees-McRae	664	669	687	706	732
Louisburg	750	694	702	695	757
Montreat-Anderson	375	360	377	383	392
Mt. Olive	-	-	333	330	368
Peace	482	476	472	448	481
St. Mary's	241	273	300	318	280
SUBTOTAL	4,119	4,022	4,523	4,672	4,848
TOTAL	50,939	50,521	50,277	50,184	50,945

LENA SUE BEAM HEALTH SCIENCES CENTER

Lena Sue Beam Health Sciences Center, Gaston College

The Lena Sue Beam Health Sciences Center at Gaston College is a 20,000-square foot facility which was completed in 1984. It contains the instructional area for Gaston's programs in nursing, medical office assisting, and other health science curricula. Included in the center are labs, classrooms, and support areas such as offices and conference rooms. A major feature of the facility is a mini-auditorium which is used for instruction and for meetings of community agencies, businesses, and industries.

The lower level contains offices and two large meeting rooms. These rooms were designed for use by community organizations.

The Trustees and administration of Gaston College are aware of the critical need for medical care specialists. The Beam Health Sciences Center makes it possible for Gaston to respond to this increasing demand for medical personnel.

Interior Space Characteristics

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TABLE 13:
NET-TO-GROSS RATIO

The net-to-gross ratio is the net assignable area of a building or group of buildings divided by the gross area. It is generally used as a measure of the efficiency of a building; the higher the net-to-gross ratio, the more space that can be assigned to the various programs for which the building was intended.

Simply,stated, the gross area of a building is the sum of the floor areas of the outside faces of its exterior walls for all of the building's stories (or areas that have floor surfaces). A building's assignable area is the sum of all areas on all floors which are assigned to, or available for assignment to, an occupant. More specifically, it is the building's gross area less its custodial, circulation, mechanical, and structural areas.

Beginning in 1985, parking deck space was coded as nonassignable. This change in policy, while providing a truer picture of interior space characteristics, has the effect of decreasing the net-to-gross ratios of institutions with parking decks. The following institutions have parking decks (gross areas are indicated in parentheses): Central Piedmont Community College (404,800 sq. ft.), North Carolina State University (329,148 sq. ft.), University of North Carolina at Chapel Hill-Health Affairs (522,938 sq. ft.). There are three parking decks at the private major research universities, representing a total gross area of 1,154,039 sq. ft. In addition, the basement of Duncan Hall at Appalachian State University is a parking deck and is, therefore, considered nonassignable.

If a renovation can increase the amount of assignable space in a building, then part of the cost of the renovation can be justified purely on a cost savings basis. Tables 19 and 20 suggest that new construction costs average $71 per gross square foot. Table 13 indicates that the average net-to-gross ratio is .67. This means that new construction costs are approximately $106 per assignable square foot:

$$\text{CONSTRUCTION COST/ASF} = \frac{\text{CONSTRUCTION COST/GSF}}{\text{NET-TO-GROSS RATIO}}$$

$$\text{CONSTRUCTION COST/ASF} = \frac{\$71}{.67} = \$106$$

Thus every assignable square foot created through a renovation can be viewed as saving the institution $106 in new construction costs.

Net-to-Gross Ratio

Table 13

INSTITUTION	Gross Sq. Ft.	Assignable Sq. Ft.	Net : Gross %				
			1985	1984	1983	1982	1981
Major Research Universities:							
NC State*	6,353,326	4,261,400	67.1	67.3	67.1	67.1	67.4
NC State Vet.	372,607	223,701	60.0	60.0	59.9	-	-
UNC-Chapel Hill	6,200,260	4,147,285	66.9	66.8	67.2	67.6	68.0
UNC-Health Aff.*	2,571,495	1,207,869	47.0	64.3	64.3	64.1	64.2
SUBTOTAL	15,497,688	9,840,255	63.5	66.4	66.5	66.8	67.1
Other Doctoral Universities:							
UNC-Greensboro	2,572,470	1,672,666	65.0	65.1	65.2	65.6	65.6
Comprehensive Universities:							
Appalachian*	2,640,401	1,834,071	69.5	69.9	70.0	70.4	70.5
East Carolina	2,662,679	1,882,436	70.7	70.7	70.7	70.9	70.8
ECU-Health Aff.	644,848	406,772	63.1	63.1	63.4	68.2	69.0
Fayetteville	753,103	497,024	66.0	-	-	-	-
NC A & T	1,928,876	1,343,404	69.6	69.7	69.7	70.1	70.8
NC Central	1,551,131	1,011,183	65.2	64.6	64.7	64.8	65.1
UNC-Charlotte	2,045,857	1,374,986	67.2	66.8	66.7	66.7	66.6
UNC-Wilmington	1,030,222	689,116	66.9	-	-	-	-
West'n Carolina	2,029,296	1,427,689	70.4	70.1	70.0	69.9	68.8
SUBTOTAL	15,286,413	10,466,681	68.5	68.7	68.8	69.2	69.1
Gen. Baccalaureate Universities:							
Elizabeth City	696,347	501,082	72.0	71.7	71.7	71.4	70.1
Fayetteville	-	-	-	66.0	66.3	66.0	65.2
Pembroke	631,681	438,330	69.4	69.4	69.4	69.4	69.3
UNC-Asheville	501,908	352,846	70.3	70.4	70.3	70.0	68.2
UNC-Wilmington	-	-	-	66.4	66.5	66.5	66.7
Winston-Salem	847,442	584,877	69.0	69.0	68.5	69.4	69.3
SUBTOTAL	2,677,378	1,877,135	70.1	68.5	68.5	68.5	67.9

*Beginning in 1985, the net-to-gross ratios for these institutions were affected by a change in the way parking decks were reported. See page 81.

Net-to-Gross Ratio

Table 13

INSTITUTION	Gross Sq. Ft.	Assignable Sq. Ft.	Net : Gross %				
			1985	1984	1983	1982	1981
Specialized Institution:							
NC Sch. of Arts	464,232	325,483	70.1	70.1	70.1	70.1	67.4
Teaching Hospital:							
NC Mem. Hosp.	1,000,909	576,962	57.6	57.2	56.5	57.4	58.1
Technical and Community Colleges:							
SUBTOTAL	10,012,927	7,080,926	70.7	73.9	73.9	73.8	73.7
		PRIVATE INSTITUTIONS					
Major Research Universities:							
SUBTOTAL*	11,624,955	6,868,168	59.1	68.3	68.5	68.7	68.6
Gen. Baccalaureate Colleges:							
SUBTOTAL	14,202,085	10,043,091	70.7	70.7	70.7	70.8	70.8
Junior Colleges:							
SUBTOTAL	2,482,198	1,729,162	69.7	69.8	70.3	70.5	70.5
GRAND TOTAL	75,821,255	50,480,529	66.6	69.0	69.0	69.2	69.2

*Beginning in 1985, the net-to-gross ratios for these institutions were affected by a change in the way parking decks were reported. See page 81.

Net-to-Gross Ratio

Table 13

INSTITUTION	Gross Sq. Ft.	Assignable Sq. Ft.	Net : Gross %				
			1985	1984	1983	1982	1981
Technical and Community Colleges:							
Anson TC	61,331	44,537	72.6	73.4	73.4	73.4	72.1
Ashev'le-Bun. TC	274,749	193,303	70.4	70.3	69.6	69.6	70.0
Beaufort Co. CC	121,926	95,437	78.3	76.8	80.0	80.5	80.6
Bladen TC	86,195	66,274	76.9	76.3	76.3	76.4	76.7
Blue Ridge TC	112,652	86,413	76.7	76.1	76.0	76.0	74.9
Brunswick TC	70,580	57,695	81.7	81.6	79.7	75.0	73.8
Caldwell CC & TI	162,374	123,273	75.9	76.0	76.0	76.0	75.7
Cape Fear TI	215,388	153,312	71.2	72.0	72.2	70.9	70.9
Carteret TC	147,465	110,932	75.2	75.8	77.8	77.8	78.3
Catawba Vy. TC	215,860	161,722	74.9	74.9	75.2	75.2	75.2
C. Carolina TC	130,362	101,581	77.9	77.6	77.7	77.7	77.7
C. Piedmont CC*	1,027,518	428,983	41.7	73.0	73.0	73.0	73.1
Cleveland TC	157,115	118,846	75.6	75.3	75.1	75.1	75.2
Coastal Car. CC	202,547	147,036	72.6	72.6	72.6	72.2	70.2
Col. Albemarle	130,814	93,264	71.3	70.7	71.9	71.9	71.9
Craven CC	125,458	90,207	71.9	71.9	71.4	70.9	70.0
Davidson Co. CC	208,596	145,065	69.5	69.5	69.7	69.7	69.7
Durham TI	179,632	137,610	76.6	78.2	77.3	77.7	77.6
Edgecombe TC	127,796	88,714	69.4	69.3	68.9	68.7	68.7
Fayettev'le TI	309,734	225,542	72.8	72.8	72.5	72.4	72.3
Forsyth TC	383,785	283,772	73.9	75.3	74.9	74.9	74.9
Gaston Col.	276,234	192,777	69.8	69.8	71.4	70.7	70.4
Guilford TCC	536,743	389,252	72.5	72.6	72.7	72.6	72.3
Halifax CC	82,327	62,465	75.9	75.9	75.9	75.9	76.6
Haywood TC	199,417	156,107	78.3	78.4	78.4	77.6	77.2
Isothermal CC	174,546	135,527	77.6	77.6	77.3	77.3	77.3
J. Sprunt TC	103,459	77,713	75.1	75.1	75.1	74.6	74.9
Johnston TC	148,791	116,579	78.4	78.1	76.9	75.7	75.5
Lenoir CC	185,920	144,464	77.7	77.7	77.7	77.7	77.5
Martin CC	146,265	110,951	75.9	76.4	76.6	76.6	76.6

*Beginning in 1985, the net-to-gross ratio for this institution was affected by a change in the way parking decks were reported. See page 81.

Net-to-Gross Ratio

Table 13

INSTITUTION	Gross Sq. Ft.	Assignable Sq. Ft.	Net : Gross %				
			1985	1984	1983	1982	1981
Technical and Community Colleges:							
Mayland TC	53,079	35,269	66.4	64.5	64.0	64.0	64.0
McDowell TC	64,696	51,167	79.1	79.1	79.1	79.0	78.8
Mitchell CC	190,167	132,277	69.6	69.5	69.2	69.2	69.2
Montgomery TC	64,090	43,103	67.3	67.5	68.2	68.2	67.8
Nash TC	101,792	74,731	73.4	73.4	73.5	73.5	72.5
Pamlico TC	40,198	28,725	71.5	71.5	71.5	71.5	71.5
Piedmont TC	96,884	84,176	86.9	86.9	86.9	85.6	85.6
Pitt CC	147,051	112,045	76.2	76.2	75.8	75.7	75.2
Randolph TC	152,783	120,438	78.8	78.8	78.8	79.0	79.0
Richmond TC	113,124	87,218	77.1	77.1	77.1	77.0	76.9
Roanoke-Cho. TC	92,913	66,705	71.8	71.8	72.6	72.9	72.7
Robeson TC	116,751	93,202	79.8	79.8	79.4	79.4	79.4
Rockingham CC	211,521	156,324	73.9	73.9	73.9	74.0	74.3
Rowan TC	191,182	146,324	76.5	75.4	75.4	75.4	75.6
Sampson TC	74,661	53,875	72.2	73.2	73.4	75.8	73.1
Sandhills CC	198,584	146,258	73.7	73.6	73.6	73.0	73.0
Southeastern CC	149,737	111,173	74.2	74.2	74.2	74.2	74.2
Southwestern TC	104,565	81,414	77.9	77.9	77.9	76.1	74.9
Stanly TC	75,599	54,798	72.5	73.5	72.6	72.6	78.1
Surry CC	166,706	123,282	74.0	74.0	73.7	73.7	73.6
TC Alamance	156,855	105,779	67.4	65.3	65.2	65.1	65.9
Tri-County CC	78,762	64,171	81.5	81.4	79.8	79.8	79.8
Vance-Granv. CC	139,949	87,258	62.3	62.3	62.3	61.6	60.1
Wake TC	258,144	186,483	72.2	72.3	72.4	72.9	74.2
Wayne CC	165,928	132,561	79.9	80.1	80.1	80.1	80.1
W. Piedmont CC	149,169	104,000	69.7	68.1	68.3	68.3	67.7
Wilkes CC	200,213	148,409	74.1	74.1	73.5	73.8	73.8
Wilson Co. TC	152,245	110,408	72.5	72.7	72.7	72.7	73.7
TOTAL	10,012,927	7,080,926	70.7	73.9	73.9	73.8	73.7

TABLE 14:
PERCENTAGE DISTRIBUTION OF ASSIGNABLE AREA BY SUMMARY PROGRAMS AND SUBPROGRAMS

All colleges and universities conduct a wide range of activities in pursuit of their missions as institutions of higher education. The Program Classification Structure, developed by the National Center for Higher Education Management Systems in 1978, attempts to categorize these activities.

The structure divides all of an institution's activities into ten major categories, called programs. Each program is divided into various subprograms. Virtually every activity and square foot of assignable space can be related to one of these subprograms.

Table 14 reports for each institution the percentage of total assignable area which is classified under each program. Tables 14a-14d indicate these percentages for the subprograms. Definitions of the programs and subprograms are provided in the narratives which precede the tables.

In Tables 14 and 14a-14d, the percentages relate the assignable square footage of the specified program or subprogram to the total assignable area for the institution. For Table 14, these percentages should in theory add to exactly 100.0, but in some cases they do not because of rounding. In Tables 14a-14d, the sum of the percentages reported for the subprograms comprising a certain program should in theory equal the percentage for that program as reported in Table 14. Again, they sometimes do not because of the rounding of the subprogram percentages.

PROGRAM DEFINITIONS

The descriptions of programs and subprograms which precede Tables 14-14d are excerpted from Program Classification Structure: Technical Report 106 by Douglas J. Collier.

10 Instruction Program. This program includes activities carried out for the express purpose of eliciting some measure of educational change in a learner or group of learners. An instructional activity need not be eligible for credit in meeting specified formal curricular requirements leading to a postsecondary degree or certificate.

20 Research Program. Any activity intended to produce one or more research outcomes--including the creation of knowledge, the organization of knowledge, and the application of knowledge--is included within this program. A research activity may be conducted with institutional funds or under the terms of agreement with an agency external to the institution.

30 Public Service. The Public Service Program includes activities established to make available to the public the various resources and capabilities of the institution for the specific purpose of responding to a community need or solving a community problem.

40 Academic Support Program. Any activity carried out in direct support of one or more of the Instruction (10), Research (20), and Public Service (30) Programs is classified as Academic Support.

50 Student Service Program. The objective of the Student Service Program is to contribute to the emotional and physical well-being of the students, as well as to their intellectual, cultural, and social development outside of the context of the institution's formal Instruction Program.

60 Institutional Administration Program. This program consists of those activities carried out to provide for both the day-to-day functioning and the long-range viability of the institution as an operating organization. The ultimate goal of the Institutional Administrative Program is to provide for the institution's organizational effectiveness and continuity.

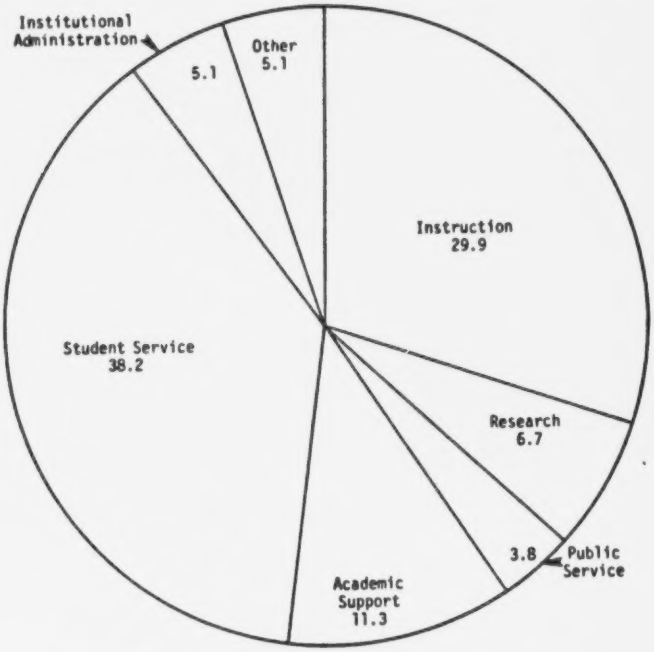
70 Physical Plant Operations Program. Activities related to maintaining existing grounds and facilities, providing utility services, and planning and designing future plant expansions and modifications are included within the Physical Plant Operations Program.

80 Student Financial Support Program. This program includes only the financial assistance provided to students in the form of outright grants, trainee stipends, and prizes, awarded by and/or administered through the institution. Although it is part of the Program Classification Structure, this program applies only to funds and not to space or activities. It is not, therefore, used in facilities inventories.

90 Independent Operations Program. Those institutional activities that are owned or controlled by the institution as investments, and which are financed as part of the institution's current operations, comprise the Independent Operations Program.

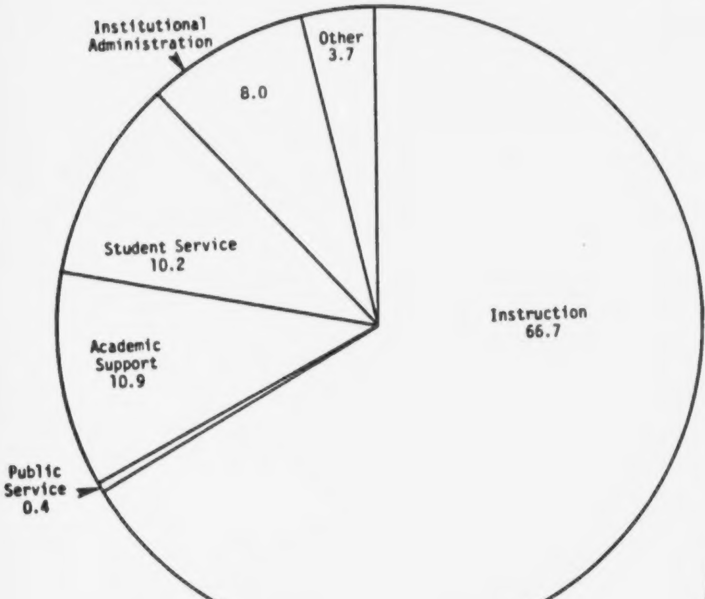
00 Unassigned. Facilities that are not in use at the time of the inventory are classified under this program. It is unique to facilities management and is not included in the Program Classification Structure.

PERCENTAGE DISTRIBUTION OF ASSIGNABLE AREA BY SUMMARY PROGRAMS

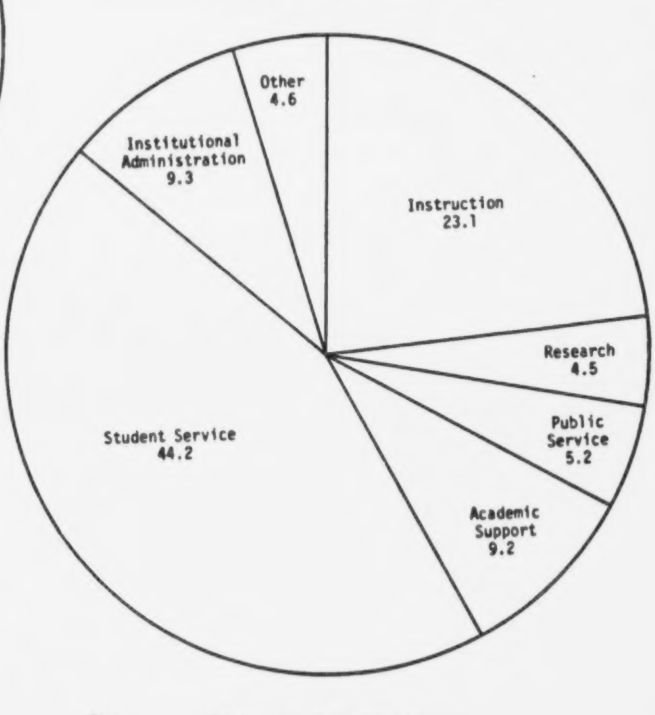


The University of North Carolina

ALL PUBLIC BACCALAUREATE-GRANTING INSTITUTIONS
AND N.C. MEMORIAL HOSPITAL



Technical and Community Colleges



Private Institutions

Percentage Distribution of Assignable Area by Summary Programs

Table 14

INSTITUTION	Assignable Sq. Ft.	Instruction 10	Research 20	Public Serv. 30	Acad. Spt. 40	Stud. Serv. 50	Inst. Admin. 60	Phys. Plt. Opns. 70	Stud. Fin. Spt. 80	Indep. Opns. 90	Unassigned 00
Major Research Universities:											
NC State	4,261,400	26.1	16.4	3.5	6.8	41.5	3.2	1.8	-	0.6	0.1-
NC State Vet.	223,701	34.5	26.3	22.1	11.0	3.4	2.1	0.4	-	-	0.3
UNC-Chapel Hill	4,147,285	23.7	5.7	1.3	15.8	36.6	6.1	1.9	-	4.5	4.3
UNC-Health Aff.	1,207,869	30.5	39.2	5.5	16.2	0.6	0.4	0.3	-	3.9	3.5
SUBTOTAL	9,840,255	25.8	14.9	3.2	11.8	33.5	4.1	1.7	-	2.6	2.3
Other Doctoral Universities:											
UNC-Greensboro	1,672,666	31.6	1.9	0.1-	12.0	44.0	5.1	1.4	-	-	3.9
Comprehensive Universities:											
Appalachian	1,834,071	31.2	0.3	0.5	10.3	48.4	5.7	3.1	-	0.1	0.4
East Carolina	1,882,436	31.2	1.7	0.5	10.8	50.0	3.8	1.3	-	-	0.7
ECU-Health Aff.	406,772	69.6	3.6	7.2	15.5	2.5	-	1.5	-	-	0.1-
Fayetteville	497,024	32.4	0.2	0.4	8.4	43.9	9.8	3.5	-	0.3	1.1
NC A & T	1,343,404	35.9	3.6	0.3	13.0	38.5	5.8	1.4	-	0.6	1.0
NC Central	1,011,183	35.9	0.1	0.1	13.2	41.2	7.1	0.6	-	0.1	1.7
UNC-Charlotte	1,374,986	35.0	2.0	-	9.0	46.6	4.8	1.1	-	-	1.6
UNC-Wilmington	689,116	29.2	2.4	-	9.4	48.5	7.5	0.8	-	0.3	1.9
West'n Carolina	1,427,689	28.5	0.5	0.1	15.8	43.8	7.3	1.3	-	1.4	1.2
SUBTOTAL	10,466,681	33.8	1.5	0.5	11.7	43.9	5.7	1.6	-	0.3	1.0
Gen. Baccalaureate Universities:											
Elizabeth City	501,082	30.8	-	3.1	8.8	43.1	9.7	1.3	-	-	3.2
Pembroke	438,330	40.2	-	0.2	8.9	39.7	7.5	1.7	-	-	1.9
UNC-Asheville	352,846	32.2	0.5	2.0	13.4	35.5	7.7	2.4	-	0.7	5.6
Winston-Salem	584,877	31.3	0.5	0.1	7.9	38.0	5.4	1.7	-	0.1	14.9
SUBTOTAL	1,877,135	33.4	0.3	1.3	9.4	39.3	7.4	1.7	-	0.2	7.0
Specialized Institution:											
NC Sch. of Arts	325,483	50.6	-	0.4	7.1	31.9	7.5	0.5	-	0.1-	1.9
Teaching Hospital:											
NC Mem. Hosp.	576,962	-	0.1-	92.1	-	-	1.6	2.4	-	2.5	1.4
Technical and Community Colleges:											
SUBTOTAL	7,080,926	66.7	-	0.4	10.9	10.2	8.0	2.0	-	0.6	1.0
PRIVATE INSTITUTIONS											
Major Research Universities:											
SUBTOTAL	6,868,168	17.0	12.0	14.0	11.8	33.4	6.2	2.3	-	3.1	0.2
Gen. Baccalaureate Colleges:											
SUBTOTAL	10,043,091	26.7	0.1	0.1	7.8	50.4	10.9	1.8	-	0.7	1.5
Junior Colleges:											
SUBTOTAL	1,729,162	26.1	-	0.1-	6.9	51.2	12.3	1.9	-	-	1.6
GRAND TOTAL	50,480,529	32.5	4.9	3.8	10.4	36.5	7.0	1.8	-	1.3	1.6

Percentage Distribution of Assignable Area by Summary Programs

Table 14

INSTITUTION	Assignable Sq. Ft.	Instruction 10	Research 20	Public Serv. 30	Acad. Spt. 40	Stud. Serv. 50	Inst. Admin. 60	Phys. Plt. Opns. 70	Stud. Fin. Spt. 80	Indep. Opns. 90	Unassigned 00
Technical and Community Colleges:											
Anson TC	44,537	51.9	-	-	20.8	12.9	5.2	5.9	-	-	3.3
Ashev'le-Bun. TC	193,303	73.0	-	-	7.1	4.5	13.0	1.8	-	-	0.7
Beaufort Co. CC	95,437	63.7	-	-	12.0	13.8	5.5	3.1	-	-	1.9
Bladen TC	66,274	57.0	-	-	9.7	21.1	7.4	4.6	-	-	0.2
Blue Ridge TC	86,413	72.9	-	-	7.4	6.5	4.1	9.1	-	-	-
Brunswick TC	57,695	79.1	-	-	3.3	3.5	5.0	0.4	-	-	8.6
Caldwell CC & TI	123,273	56.0	-	0.1	15.4	15.6	9.6	1.7	-	1.6	-
Cape Fear TI	153,312	66.0	-	0.3	12.2	10.6	10.1	-	-	0.2	0.7
Carteret TC	110,932	50.2	-	0.2	8.0	6.6	19.6	0.4	-	15.0	-
Catawba Vy. TC	161,722	69.0	-	-	10.9	9.5	10.5	-	-	-	0.1
C. Carolina TC	101,581	73.0	-	-	11.7	9.0	5.2	1.2	-	-	-
C. Piedmont TC	428,983	70.8	-	0.1-	12.6	7.3	7.4	1.9	-	-	-
Cleveland TC	118,846	65.1	-	-	15.9	7.8	7.4	3.0	-	-	0.8
Coastal Car. CC	147,036	68.7	-	-	13.5	9.6	5.5	2.5	-	-	0.1
Col. Albemarle	93,264	67.7	-	0.1	13.1	10.2	7.2	1.7	-	-	-
Craven CC	90,207	73.9	-	0.1	15.0	5.5	5.5	-	-	-	-
Davidson Co. CC	145,065	61.3	-	-	20.1	8.9	5.8	3.8	-	-	-
Durham TI	137,610	70.0	-	0.8	6.7	8.4	9.5	3.7	-	0.4	0.5
Edgecombe TC	88,714	72.1	-	-	9.6	11.1	4.2	1.5	-	1.5	-
Fayettev'le TI	225,542	66.6	-	-	9.7	14.6	6.8	2.4	-	-	-
Forsyth TC	283,772	67.1	-	0.3	8.6	10.7	4.8	1.9	-	-	6.7
Gaston Col.	192,777	71.6	-	0.1	8.5	12.7	6.7	0.1-	-	0.1	0.3
Guilford TCC	389,252	64.0	-	2.1	11.1	9.7	11.4	1.2	-	0.3	0.2
Halifax CC	62,465	65.3	-	-	14.4	9.7	6.1	4.5	-	-	-
Haywood TC	156,107	72.5	-	-	6.4	5.3	2.6	3.7	-	9.4	0.1
Isothermal CC	135,527	76.3	-	0.3	8.3	8.7	5.0	1.3	-	-	-
J. Sprunt TC	77,713	70.3	-	-	7.8	10.1	6.9	4.9	-	-	-
Johnston TC	116,579	73.6	-	-	6.1	8.7	11.0	0.1-	-	-	0.7
Lenoir CC	144,464	68.1	-	0.1	13.2	8.9	9.2	0.5	-	-	-
Martin CC	110,951	63.5	-	0.3	14.6	12.0	5.2	4.0	-	0.4	-
Mayland TC	35,269	73.6	-	-	10.1	8.6	7.7	-	-	-	-
McDowell TC	51,167	72.4	-	-	11.4	6.2	7.9	2.1	-	-	-
Mitchell CC	132,277	60.2	-	-	12.6	15.5	7.3	0.9	-	0.5	3.1
Montgomery TC	43,103	68.2	-	-	12.4	10.6	8.7	-	-	-	-
Nash TC	74,731	65.3	-	-	6.1	5.8	8.6	0.9	-	1.9	11.4
Pamlico TC	28,725	58.2	-	0.8	18.4	9.2	9.3	4.0	-	-	-
Piedmont TC	84,176	51.4	-	16.9	11.5	7.7	7.7	4.1	-	-	0.7
Pitt CC	112,045	73.0	-	-	11.2	6.4	5.8	1.5	-	-	2.1
Randolph TC	120,438	59.2	-	-	15.8	13.2	10.9	0.9	-	-	-
Richmond TC	87,218	74.0	-	-	8.6	8.7	6.9	1.9	-	-	-
Roanoke-Cho. TC	66,705	63.5	-	-	9.8	10.3	9.3	7.1	-	-	-
Robeson TC	93,202	66.8	-	-	8.4	6.6	10.3	0.2	-	-	7.7
Rockingham CC	156,324	65.9	-	-	11.6	12.6	8.4	1.1	-	0.1-	0.2
Rowan TC	146,324	67.3	-	-	13.4	8.9	6.0	4.4	-	-	-
Sampson TC	53,875	75.8	-	-	9.2	5.1	9.7	-	-	0.1	-
Sandhills CC	146,258	66.2	-	-	8.1	13.4	9.1	3.3	-	-	-
Southeastern CC	111,173	68.2	-	0.1	8.8	13.9	7.6	1.1	-	-	0.2
Southwestern TC	81,414	63.4	-	-	11.8	14.2	6.5	3.5	-	-	0.6
Stanly TC	54,798	61.0	-	0.4	9.7	10.5	9.1	-	-	-	9.3
Surry CC	123,282	67.5	-	0.4	10.9	13.6	4.9	2.7	-	-	-
TC Alamance	105,779	72.1	-	0.2	11.7	7.0	6.3	2.7	-	-	-
Tri-County CC	64,171	77.6	-	-	8.9	6.4	7.1	-	-	-	-
Vance-Granv. CC	87,258	62.0	-	0.3	11.9	9.1	15.6	1.0	-	-	-
Wake TC	186,483	62.3	-	-	7.6	12.0	12.6	4.7	-	-	0.8
Wayne CC	132,561	76.2	-	-	7.5	9.9	6.1	0.3	-	-	-
W. Piedmont CC	104,000	53.8	-	0.5	15.4	12.8	6.0	4.8	-	-	6.6
Wilkes CC	148,409	46.7	-	-	13.1	26.1	8.9	0.8	-	4.3	-
Wilson Co. TC	110,408	66.6	-	0.1	13.8	7.1	11.0	0.7	-	-	0.8
TOTAL	7,080,926	66.7	-	0.4	10.9	10.2	8.0	2.0	-	0.6	1.0

INSTRUCTION, RESEARCH, AND PUBLIC SERVICE SUBPROGRAMS

Table 14a indicates the percentage of institutional square footage under the Instruction, Research, and Public Service Subprograms.

The definitions of these subprograms follow. Subprograms which are described but which are not included in Table 14a had no square footage assigned to them by institutions.

11 General Academic Instruction. This subprogram includes those instructional offerings intended both to prepare learners, in a generalized sense, to function in a number of different occupations and to prepare them for further academic study. Instructional offerings of this general academic nature are classified in this subprogram only if they are offered as part of one of the institution's formal degree or certificate programs.

12 Vocational/Technical Instruction. This subprogram includes those instructional offerings intended to prepare learners for immediate entry into a specific occupation or career. Instructional offerings are classified in this subprogram only if they are offered as part of one of the institution's formal degree or certificate programs.

13 Requisite Preparatory/Remedial Instruction. This category includes those instructional offerings carried out to provide the learner with the skills or knowledge required by the institution to undertake course work leading to a post-secondary degree or certificate.

14 General Studies. This subprogram includes those instructional offerings that are not part of one of the institution's formal postsecondary degree or certificate programs and that are intended to provide the learner with knowledge, skills, and attitudes typically associated with an academic discipline (such as literature, mathematics, philosophy).

15 Occupation-Related Instruction. This subprogram includes those instructional offerings that are not carried out as part of a formal certificate or degree program but that are offered to provide the learner with knowledge, skills, and background related to a specific occupation or career.

16 Social Roles/Interaction Instruction. This subprogram includes those instructional offerings that are not carried out as a part of a certificate or degree program but that

are offered to provide the learner with knowledge, skills, and background needed to function as a member of society or to interact with the variety of social institutions. It also includes those offerings that deal with the person as a member of a particular social organization or institution.

17 Home and Family Life Instruction. This category includes those instructional offerings that are not offered as part of a certificate or degree program but that are carried out to provide the learner with knowledge, skills, and capabilities related to the establishment, maintenance, and improvement of a home; to the carrying out of those functions typically associated with the conduct of a household; or to the person's responsibilities as a member of the family unit.

18 Personal Interest and Leisure Instruction. This category includes those instructional activities that are not offered as part of a certificate or degree program but that are carried out to support an individual's recreational or avocational pursuits or to improve his or her day-to-day living skills.

21 Institutes and Research Centers. This subprogram includes all research activities conducted within the framework of a formal research organization except for those conducted under the 21 federally funded research centers. (There are no federally funded research centers in North Carolina.)

22 Individual or Project Research. This subprogram includes those research activities that normally are managed within the academic departments. Such research activities usually have a stated goal or purpose, have projected outcomes, and generally are created for specific time periods as a result of a contract, grant, or specific allocation of institutional resources. Research which is carried out as an instructional activity, however, is classified under the appropriate Instructional Subprogram.

31 Direct Patient Care. This subprogram includes those activities carried out for the specific purpose of providing direct patient care (prevention, diagnosis, treatment, education, rehabilitation, and so forth). These services are typically rendered under the auspices of a teaching hospital or health-sciences center and are provided for the benefit of a clientele in the community-at-large rather than for the institution's own student body or faculty and staff.

32 Health Care Supportive Services. This subprogram includes those activities that are unique to a teaching hospital, health-sciences center, or clinic and that directly support the provision of health care but that cannot themselves legitimately be considered part of the provision of direct patient care.

33 Community Services. This subprogram consists of resources, services, and expertise made available to persons and groups outside of the context of the institution's regular Instruction, Research, and support programs that are not included in the other Public Service Subprograms (i.e., 31, 32, 34, and 35). Activities within this subprogram differ from those under Cooperative Extension Services (34) in that they are generally sponsored and controlled by the institution; extension services usually involve a sharing of programmatic and fiscal control with an outside agency.

34 Cooperative Extension Services. This subprogram includes those activities that make resources, services, and expertise available outside the Instruction, Research, and support programs and that are conducted as cooperative efforts with outside agencies. A distinguishing feature of the activities included in this subprogram is that programmatic and fiscal control are usually shared with one or more external agencies or governmental units.

35 Public Broadcasting Services. This subprogram includes the operation and maintenance of broadcasting services that are operated outside the context of the institution's Instruction, Research, and support programs. Excluded from this category are broadcasting services that are conducted primarily in support of instruction, broadcasting services that are primarily operated as a student-broadcasting club, and broadcasting activities that are independent operations.

Instruction, Research & Public Service Subprograms

Table 14a

INSTITUTION	Gen'l Acad. Instr. 11	Voc. Tech. Instr. 12	Prep. Remed. Instr. 13	Gen'l Studies 14	Occup. Relatd Instr. 15	Social Roles Instr. 16	Home & Family Life 17	Pers. Int. Leis. Instr. 18
Major Research Universities:								
NC State	26.0	-	0.1-	-	0.1-	-	-	-
NC State Vet.	34.5	-	-	-	-	-	-	-
UNC-Chapel Hill	23.4	-	0.1-	0.1	0.2	-	-	-
UNC-Health Aff.	30.0	-	0.1	0.4	0.1	-	-	-
SUBTOTAL	25.6	-	0.1-	0.1	0.1	-	-	-
Other Doctoral Universities:								
UNC-Greensboro	31.5	-	0.1	-	-	-	-	-
Comprehensive Universities:								
Appalachian	28.2	-	-	3.0	-	-	-	-
East Carolina	31.2	-	-	-	-	-	-	-
ECU-Health Aff.	69.6	-	-	-	-	-	-	-
Fayetteville	31.5	-	-	0.9	-	-	-	-
NC A & T	35.7	-	0.1-	0.1	-	-	-	-
NC Central	34.8	-	1.0	-	-	-	-	-
UNC-Charlotte	35.0	-	-	-	-	-	-	-
UNC-Wilmington	28.9	-	-	-	0.3	-	-	-
West'n Carolina	28.2	-	0.2	-	0.1	0.1	-	-
SUBTOTAL	33.1	-	0.1	0.6	0.1-	0.1-	-	-
Gen. Baccalaureate Universities:								
Elizabeth City	30.3	-	0.5	-	-	-	-	-
Pembroke	39.9	-	0.3	-	-	-	-	-
UNC-Asheville	32.2	-	-	-	-	-	-	-
Winston-Salem	30.6	-	0.7	-	-	-	-	-
SUBTOTAL	33.0	-	0.4	-	-	-	-	-

Instruction, Research & Public Service Subprograms

Table 14a

Inst. & Res. Ctrs. 21	Indiv. Project Res. 22	Direct Patient Care 31	Health Care Svc. 32	Community Svc. 33	Coop. Exten. Svc. 34	Public Broad Svc. 35	INSTITUTION
							Major Research Universities:
-	16.4	-	-	1.7	1.8	-	NC State
-	26.3	9.1	13.0	-	-	-	NC State Vet.
0.4	5.3	-	-	1.1	-	0.2	UNC-Chapel Hill
2.0	37.1	2.4	2.8	0.4	-	-	UNC-Health Aff.
0.4	14.5	0.5	0.6	1.2	0.8	0.1	SUBTOTAL
							Other Doctoral Universities:
-	1.9	-	-	-	0.1-	-	UNC-Greensboro
							Comprehensive Universities:
-	0.3	-	-	0.5	-	-	Appalachian
-	1.7	-	-	0.5	-	-	East Carolina
-	3.6	2.2	3.3	1.7	-	-	ECU-Health Aff.
-	0.2	-	-	0.4	-	0.1-	Fayetteville
0.2	3.4	-	-	0.2	0.1	-	NC A & T
0.1-	0.1	-	-	0.1	-	-	NC Central
0.3	1.7	-	-	-	-	-	UNC-Charlotte
1.6	0.8	-	-	-	-	-	UNC-Wilmington
-	0.5	-	-	0.1	-	-	West'n Carolina
0.2	1.3	0.1	0.1	0.3	0.1-	0.1-	SUBTOTAL
							Gen. Baccalaureate Universities:
-	-	-	-	3.1	-	-	Elizabeth City
-	-	-	-	0.2	-	-	Pembroke
0.2	0.3	-	-	2.0	-	-	UNC-Asheville
-	0.5	-	-	0.1	-	-	Winston-Salem
0.1-	0.2	-	-	1.3	-	-	SUBTOTAL

Instruction, Research & Public Service
Subprograms

Table 14a

INSTITUTION	Gen'l Acad. Instr. 11	Voc. Tech. Instr. 12	Prep. Remed. Instr. 13	Gen'l Studies 14	Occup. Relatd Instr. 15	Social Roles Instr. 16	Home & Family Life 17	Pers. Int. Leis. Instr. 18
Specialized Institution:								
NC Sch. of Arts	50.6	-	-	-	-	-	-	-
Teaching Hospital:								
NC Mem. Hosp.	-	-	-	-	-	-	-	-
Technical and Community Colleges:								
SUBTOTAL	8.1	53.2	0.6	2.1	2.0	0.1	0.2	0.5
PRIVATE INSTITUTIONS								
Major Research Universities:								
SUBTOTAL	16.9	0.1-	0.1-	0.1-	0.1	-	-	0.1-
Gen. Baccalaureate Colleges:								
SUBTOTAL	26.5	0.1-	0.1	0.1-	0.1	0.1-	-	-
Junior Colleges:								
SUBTOTAL	26.0	-	0.1	-	-	-	-	-
GRAND TOTAL	24.0	7.5	0.2	0.4	0.3	0.1-	0.1-	0.1

Instruction, Research & Public Service Subprograms

Table 14a

Inst. & Res. Ctrs. 21	Indiv. Project Res. 22	Direct Patient Care 31	Health Care Svc. 32	Community Svc. 33	Coop. Exten. Svc. 34	Public Broad Svc. 35	INSTITUTION
							Specialized Institution:
-	-	-	-	0.4	-	-	NC Sch. of Arts
							Teaching Hospital:
-	0.1-	29.6	62.5	-	-	-	NC Mem. Hosp.
							Technical and Community Colleges:
-	-	-	-	0.4	0.1-	0.1-	SUBTOTAL
PRIVATE INSTITUTIONS							
							Major Research Universities:
0.1-	12.0	4.5	9.5	0.1	-	0.1-	SUBTOTAL
							Gen. Baccalaureate Colleges:
-	0.1	-	-	0.1	-	-	SUBTOTAL
							Junior Colleges:
-	-	-	-	0.1-	-	-	SUBTOTAL
0.1	4.8	1.1	2.2	0.4	0.2	0.1-	GRAND TOTAL

Instruction, Research & Public Service Subprograms

Table 14a

INSTITUTION	Gen'l Acad. Instr. 11	Voc. Tech. Instr. 12	Prep. Remed. Instr. 13	Gen'l Studies 14	Occup. Relatd Instr. 15	Social Roles Instr. 16	Home & Family Life 17	Pers. Int. Leis. Instr. 18	Community Svc. 33
Technical and Community Colleges:									
Anson TC	-	46.9	0.2	1.8	3.0	-	-	-	-
Ashev'le-Bun. TC	-	70.9	0.1	0.7	1.3	-	-	-	-
Beaufort Co. CC	1.4	60.9	-	1.4	-	-	-	-	-
Bladen TC	-	48.9	-	1.7	-	5.5	0.9	-	-
Blue Ridge TC	-	63.1	-	0.9	9.0	-	-	-	-
Brunswick TC	-	75.7	-	-	0.3	-	3.2	-	-
Caldwell CC & TI	11.7	42.6	1.7	-	-	-	-	-	0.1
Cape Fear TI	0.8	60.0	-	2.9	0.1	-	-	2.2	0.3
Carteret TC	-	46.0	0.1	1.7	0.3	-	1.6	0.5	0.2
Catawba Vy. TC	-	65.5	0.6	0.7	-	-	-	2.2	-
C. Carolina TC	-	65.3	-	2.9	4.8	-	-	-	-
C. Piedmont CC	18.7	51.0	0.5	-	0.6	-	-	-	0.1-
Cleveland TC	-	59.7	-	0.7	4.7	-	-	-	-
Coastal Car. CC	16.9	42.6	0.1	1.5	7.1	-	0.5	-	-
Col. Albemarle	17.6	45.6	0.8	3.3	0.4	-	-	-	0.1
Craven CC**	5.2	61.2	0.4	7.1	-	-	-	-	-
Davidson Co. CC	19.7	40.0	0.1	1.4	-	-	-	-	-
Durham TI	-	64.0	1.4	0.6	3.6	0.4	-	-	0.8
Edgecombe TC	-	68.6	-	3.5	-	-	-	-	-
Fayettev'le TI	-	63.9	-	0.6	2.1	-	-	-	-
Forsyth TC	-	53.1	1.1	6.1	1.8	-	0.4	4.6	0.3
Gaston Col.	21.0	48.9	0.7	0.8	0.2	-	-	-	0.1
Guilford TCC	2.2	45.6	1.5	6.3	6.4	0.2	-	1.9	2.1
Halifax CC	14.9	41.4	4.5	-	1.3	-	-	3.2	-
Haywood TC	-	58.8	-	0.7	10.9	-	-	2.1	-
Isothermal CC**	35.3	30.8	1.8	3.6	2.8	-	0.7	1.3	-
J. Sprunt TC	-	68.1	0.3	2.0	-	-	-	-	-
Johnston TC	-	67.4	-	6.2	-	-	-	-	-
Lenoir CC*	27.8	37.6	-	1.7	0.1	-	1.0	-	-
Martin CC*	11.4	49.0	-	0.6	-	-	2.5	-	-

*34 (Coop. Exten. Svc.): Lenoir CC - 0.1, Martin CC - 0.3, Vance-Granville CC - 0.1, Subtotal - 0.1-

Instruction, Research & Public Service Subprograms

Table 14a

INSTITUTION	Gen'l Acad. Instr. 11	Voc. Tech. Instr. 12	Prep. Remed. Instr. 13	Gen'l Studies 14	Occup. Relatd Instr. 15	Social Roles Instr. 16	Home & Family Life 17	Pers. Int. Leis. Instr. 18	Community Svc. 33
Technical and Community Colleges:									
Mayland TC	-	71.5	-	2.1	-	-	-	-	-
McDowell TC	-	67.2	1.3	1.0	2.9	-	-	-	-
Mitchell CC	26.4	26.5	0.1	6.1	1.1	-	-	-	-
Montgomery TC	-	68.2	-	-	-	-	-	-	-
Nash TC	-	54.1	1.1	0.4	7.4	-	1.0	1.3	-
Pamlico TC	-	58.2	-	-	-	-	-	-	0.8
Piedmont TC	-	47.6	0.6	1.6	0.6	-	1.1	-	16.9
Pitt CC	3.9	67.2	0.5	1.4	-	-	-	-	-
Randolph TC	-	58.6	-	0.3	0.2	-	-	-	-
Richmond TC	-	68.7	1.3	3.0	1.0	-	-	-	-
Roanoke-Cho. TC	-	58.6	-	4.9	-	-	-	-	-
Robeson TC	-	66.0	-	0.8	-	-	-	-	-
Rockingham CC	35.9	29.1	-	0.9	0.1	-	-	-	-
Rowan TC	-	64.7	-	-	2.6	-	-	-	-
Sampson TC	-	64.2	-	11.6	-	-	-	-	-
Sandhills CC	23.5	40.4	0.8	0.7	0.7	-	-	-	-
Southeastern CC	15.9	49.6	2.0	0.8	-	-	-	-	0.1
Southwestern TC	-	62.8	-	-	-	-	-	0.6	-
Stanly TC**	-	60.6	-	-	0.4	-	-	-	-
Surry CC	21.4	43.0	1.1	-	1.9	-	-	-	0.4
TC Alamance	-	59.4	-	2.4	10.4	-	-	-	0.2
Tri-County CC	4.3	65.8	-	6.1	-	-	1.2	0.2	-
Vance-Granv. CC*	3.9	52.8	0.9	2.1	2.3	-	-	-	0.1
Wake TC	-	57.1	0.3	2.8	2.2	-	-	-	-
Wayne CC	11.5	62.1	1.2	1.5	-	-	-	-	-
W. Piedmont CC	22.6	26.1	-	3.3	1.8	-	-	-	0.5
Wilkes CC	14.6	31.5	-	0.6	-	-	-	-	-
Wilson Co. TC	-	57.7	4.1	-	4.1	-	0.7	-	0.1
TOTAL	8.1	53.2	0.6	2.1	2.0	0.1	0.2	0.5	0.4

**35 (Public Broad. Svc.): Craven CC - 0.1, Isothermal CC - 0.3, Stanly TC - 0.4, Subtotal - 0.1-

ACADEMIC SUPPORT SUBPROGRAMS

Table 14b indicates the percentage of institutional square footage under each of the Academic Support Subprograms.

The definition of these subprograms follow. Subprograms which are described but which are not included in Table 14b had no square footage assigned to them by institutions.

41 Library Services. This subprogram includes those activities that directly support the collection, cataloging, storage, and distribution of published materials in support of one or more of the institution's primary programs. This subprogram applies only to library services which are separately funded; departmental libraries are included under the appropriate Instruction Subprogram.

42 Museums and Galleries. This subprogram includes those activities related to the collection, preservation, and exhibition of historical materials, art objects, scientific displays, and so forth, that support one or more of the institution's primary programs. This subprogram applies only to museums and galleries which are separately funded; departmental libraries are included under the appropriate Instruction Subprogram.

43 Educational Media Services. This subprogram includes those audio, visual, and other technological services that have been established to provide direct support for the institution's Instruction, Research, and Public Service Programs.

44 Academic Computing Support. This subprogram includes those computer services that have been established to provide direct support for one or more of the institution's primary programs. It does not include administrative data-processing services and computing support.

45 Ancillary Support. This subprogram includes those activities that directly contribute to the way in which instruction is delivered or research is conducted but that cannot be appropriately classified as educational media services or academic computing support.

46 Academic Administration. This subprogram consists of those activities that provide administrative and management support specifically for the institution's academic programs. It includes the activities of the college deans, the administrative activities of departmental chairpersons, and the activities of their associated support staff, but it does not in-

clude the activities of those whose responsibilities are institution-wide and involve duties outside of the academic realm.

47 Course and Curriculum Development. This subprogram includes only those formal planning and development activities established either to improve or to add to the institution's curriculum. Those activities that individual faculty members carry out to update and improve their current course offerings are included under the appropriate Instruction Subprogram.

48 Academic Personnel Development. This subprogram includes those activities that provide the faculty with opportunities for personal and professional growth and development, as well as those activities intended to evaluate and reward the professional performance of the faculty.

Academic Support
Subprograms

Table 14b

INSTITUTION	Libr. Svcs. 41	Museum & Galleries 42	Educ. Media Svcs. 43	Acad. Comput. Spt. 44	Ancil-lary Spt. 45	Acad. Admin. 46	Course & Curr. Devel. 47	Acad. Pers. Dev. 48
Major Research Universities:								
NC State	4.0	-	0.2	0.7	0.1-	2.0	-	-
NC State Vet.	6.0	-	1.0	-	-	3.9	-	-
UNC-Chapel Hill	12.0	0.6	0.1	0.3	0.1	2.7	-	0.1-
UNC-Health Aff.	5.4	-	0.4	0.1	0.1-	10.1	0.1	-
SUBTOTAL	7.6	0.3	0.2	0.4	0.1-	3.3	0.1-	0.1-
Other Doctoral Universities:								
UNC-Greensboro	8.2	0.9	1.0	0.4	1.2	0.4	-	-
Comprehensive Universities:								
Appalachian	6.1	1.2	0.4	0.2	0.5	1.9	-	-
East Carolina	6.4	0.4	0.1	-	2.4	1.5	-	-
ECU-Health Aff.	11.4	-	0.4	-	0.5	3.2	-	-
Fayetteville	4.3	0.4	0.9	0.1	1.1	1.4	-	-
NC A & T	3.8	0.7	0.3	0.3	5.1	2.9	-	-
NC Central	9.0	0.4	0.5	0.5	0.3	2.3	-	-
UNC-Charlotte	5.8	0.1	0.6	-	-	2.5	-	-
UNC-Wilmington	6.9	-	-	0.1	-	2.4	-	0.1
West'n Carolina	8.4	0.7	0.4	0.2	4.4	1.7	-	-
SUBTOTAL	6.6	0.5	0.4	0.2	1.9	2.1	-	0.1-
Gen. Baccalaureate Universities:								
Elizabeth City	6.4	0.1	0.1	0.7	0.9	0.5	-	-
Pembroke	5.4	1.5	0.9	-	-	1.2	-	-
UNC-Asheville	11.2	0.7	0.5	0.6	-	0.4	-	-
Winston-Salem	4.6	0.6	0.3	0.5	0.3	1.5	-	-
SUBTOTAL	6.5	0.7	0.4	0.4	0.4	1.0	-	-

Academic Support Subprograms

Table 14b

INSTITUTION	Libr. Svcs. 41	Museum & Galleries 42	Educ. Media Svcs. 43	Acad. Comput. Spt. 44	Ancil-lary Spt. 45	Acad. Admin. 46	Course & Curr. Devel. 47	Acad. Pers. Dev. 48
Specialized Institution:								
NC Sch. of Arts	5.6	0.7	0.1	0.1	-	0.6	-	-
Teaching Hospital:								
NC Mem. Hosp.	-	-	-	-	-	-	-	-
Technical and Community Colleges:								
SUBTOTAL	7.8	0.1	1.0	0.1	0.6	1.4	0.1-	0.1-
PRIVATE INSTITUTIONS								
Major Research Universities:								
SUBTOTAL	8.4	0.3	0.2	0.3	0.1-	2.4	-	0.1
Gen. Baccalaureate Colleges:								
SUBTOTAL	6.3	0.5	0.3	0.1	0.3	0.4	-	0.1-
Junior Colleges:								
SUBTOTAL	6.1	0.3	0.1	0.1-	-	0.4	-	-
GRAND TOTAL	7.1	0.4	0.4	0.2	0.6	1.7	0.1-	0.1-

Academic Support
Subprograms

Table 14b

INSTITUTION	Libr. Svc. 41	Museum & Galleries 42	Educ. Media Svcs. 43	Acad. Comput. Spt. 44	Ancil-lary Spt. 45	Acad. Admin. 46	Course & Curr. Devel. 47	Acad. Pers. Dev. 48
Technical and Community Colleges:								
Anson TC	15.6	-	0.5	-	-	4.7	-	-
Ashev'le-Bun. TC	5.2	-	0.4	-	-	1.5	-	-
Beaufort Co. CC	9.3	-	1.0	-	-	1.8	-	-
Bladen TC	7.9	-	0.6	-	-	1.2	-	-
Blue Ridge TC	5.4	-	1.0	-	-	1.0	-	-
Brunswick TC	1.7	-	-	-	-	1.6	-	-
Caldwell CC & TI	9.5	-	1.7	-	-	4.2	-	-
Cape Fear TI	9.3	-	2.3	-	-	0.7	-	-
Carteret TC	5.6	-	1.2	-	-	1.2	0.1	-
Catawba Vy. TC	7.3	0.3	1.1	-	-	2.1	-	-
C. Carolina TC	9.1	-	1.1	-	-	1.4	-	-
C. Piedmont CC	8.7	0.1	1.9	-	1.3	0.5	0.1-	0.1-
Cleveland TC	11.6	0.4	1.6	-	-	2.2	-	-
Coastal Car. CC	11.7	0.4	0.8	-	-	0.7	-	-
Col. Albemarle	9.8	0.8	0.9	-	-	1.6	-	-
Craven CC	11.7	-	1.9	-	-	1.4	-	-
Davidson Co. CC	12.3	-	2.0	1.4	2.5	2.0	-	-
Durham TI	3.1	-	2.0	-	-	1.6	-	0.1
Edgecombe TC	6.4	-	1.0	0.3	-	1.8	0.1	-
Fayettev'le TI	5.1	-	2.0	-	-	2.5	-	-
Forsyth TC	5.7	-	0.6	0.3	-	2.0	-	-
Gaston Col.	4.9	0.3	0.3	0.4	1.6	1.0	-	-
Guilford TCC	8.2	-	0.5	-	1.0	1.3	0.1	-
Halifax CC	13.6	-	-	-	-	0.8	-	-
Haywood TC	3.8	-	1.0	-	1.1	0.4	-	-
Isothermal CC	6.7	-	0.7	-	-	0.9	-	-
J. Sprunt TC	6.4	-	0.2	-	-	0.9	-	0.3
Johnston TC	3.7	-	0.7	-	-	1.6	-	-
Lenoir CC	11.7	-	-	-	-	1.4	-	-
Martin CC	12.9	-	-	-	-	1.7	-	-

Academic Support Subprograms

Table 14b

INSTITUTION	Libr. Svcs. 41	Museum & Galleries 42	Educ. Media Svcs. 43	Acad. Comput. Spt. 44	Ancil-lary Spt. 45	Acad. Admin. 46	Course & Curr. Devel. 47	Acad. Pers. Dev. 48
Technical and Community Colleges:								
Mayland TC	9.1	-	-	-	-	1.0	-	-
McDowell TC	10.0	1.2	-	-	-	0.2	-	-
Mitchell CC	8.8	0.9	0.9	-	-	1.9	-	-
Montgomery TC	7.5	-	-	-	4.4	0.6	-	-
Nash TC	5.3	-	-	-	-	0.8	-	-
Pamlico TC	14.9	-	2.0	-	-	1.5	-	-
Piedmont TC	8.4	-	0.6	0.1	1.2	1.1	-	-
Pitt CC	5.6	0.2	0.4	-	4.1	0.9	-	-
Randolph TC	12.5	-	2.1	-	-	1.2	-	-
Richmond TC	7.9	-	0.4	-	-	0.2	-	-
Roanoke-Cho. TC	9.3	-	-	-	-	0.5	-	-
Robeson TC	6.0	-	0.2	-	-	2.2	-	-
Rockingham CC	9.3	0.8	0.6	-	-	0.8	-	-
Rowan TC	10.8	-	0.8	-	-	1.7	-	-
Sampson TC	6.4	-	-	-	-	2.8	-	-
Sandhills CC	6.0	-	1.0	-	-	1.1	-	-
Southeastern CC	7.3	-	0.8	0.2	-	0.4	-	-
Southwestern TC	10.0	-	0.2	-	-	1.6	-	-
Stanly TC	7.6	-	-	-	-	2.1	-	-
Surry CC	9.5	-	1.1	-	-	0.3	-	-
TC Alamance	6.2	-	1.3	-	3.4	0.8	-	-
Tri-County CC	8.4	-	-	-	-	0.5	-	-
Vance-Granv. CC	8.0	-	-	0.3	3.2	0.5	-	-
Wake TC	4.3	-	1.8	0.4	-	1.1	-	-
Wayne CC	5.1	-	1.2	-	-	1.2	-	-
W. Piedmont CC	9.0	-	2.9	-	-	3.6	-	-
Wilkes CC	7.1	1.4	1.2	-	2.2	1.1	-	-
Wilson Co. TC	4.4	-	1.4	-	6.0	2.0	-	-
TOTAL	7.8	0.1	1.0	0.1	0.6	1.4	0.1-	0.1-

STUDENT SERVICE AND PHYSICAL PLANT OPERATIONS SUBPROGRAMS

Table 14c indicates the percentage of institutional square footage under the Student Service and Physical Plant Operations Subprograms.

The definitions of these subprograms follow. Subprograms which are described but which are not included in Table 14c had no square footage assigned to them by institutions.

51 Student Service Administration. This subprogram includes those administrative activities that provide assistance and support (excluding academic support) to the needs and interests of students.

52 Social and Cultural Development. This subprogram includes those activities established to provide for the social and cultural development of the student outside of the formal academic program. It includes those activities primarily supported and controlled by the student body, those cultural activities provided outside the student's educational experience, and general recreation activities for the student body.

53 Counseling and Career Guidance. This subprogram includes those formal placement, career guidance, and personal counseling services provided for the benefit of students. Excluded are psychiatric and psychological counseling services that are carried out as part of the student health program.

54 Financial Aid Administration. This subprogram includes those administrative activities carried out in support of the institution's financial aid program.

55 Student Auxiliary Services. This subprogram includes those conveniences and services needed to maintain an on-campus, resident student body. A fee which is related to but not necessarily equal to the cost of the service rendered is often charged for these services.

56 Intercollegiate Athletics. This subprogram includes those team and individual sports activities that involve competition between two or more educational institutions.

57 Student Health/Medical Services. This subprogram includes those activities carried out for the specific purpose of providing health and medical services for the student body. The activities included here generally are associated with a student infirmary rather than a teaching hospital. Health and

medical services provided for the institution's faculty and staff are also included in this subprogram.

71 Physical Plant Administration. This subprogram consists of those administrative activities carried out in direct support of the institution's physical plant operations. Those activities related to the development of plans for plant expansion or modification as well as for new construction are also included.

72 Building Maintenance. This subprogram consists of those activities related to routine repair and maintenance of buildings and structures, including both normally recurring repairs and preventive maintenance.

73 Custodial Services. This subprogram consists of those activities related to custodial services in institutional buildings.

74 Utilities. This subprogram consists of those activities related to heating, cooling, light and power, gas, water, and any other utilities necessary for the operation of the physical plant.

75 Landscape and Ground Maintenance. This subprogram consists of those activities related to the operation and maintenance of campus landscape and grounds.

76 Major Repairs and Renovations. This subprogram consists of those activities related to major repairs, maintenance, and renovation projects. Major projects are defined as those costing in excess of $10,000.

Subprograms

Table 14c

INSTITUTION	Stud. Svc. Admin. 51	Social/ Cultur. Devel. 52	Coun/ Career Guid. 53	Finan. Aid Admin. 54	Student Auxiliary Service 55	Inter-colleg. Athl. 56	Stud. Health/ Med. Svc. 57	Physical Plant Admin. 71	Build-ing Maint. 72	Custo-dial Svcs. 73	Util-ities 74	Landscp. Grounds Maint. 75
Major Research Universities:												
NC State	0.1	2.9	0.1	0.1-	34.6	3.4	0.3	0.4	0.9	0.1-	0.5	0.1
NC State Vet.	-	0.1	-	-	3.3	-	-	-	0.3	0.2	-	-
UNC-Chapel Hill	0.1	2.5	0.2	0.1	30.0	3.0	0.8	0.2	0.8	0.2	0.6	0.2
UNC-Health Aff.	0.1	0.1-	0.1-	0.1-	0.4	-	-	-	-	0.3	-	-
SUBTOTAL	0.1	2.3	0.1	0.1	27.7	2.8	0.5	0.3	0.7	0.1	0.5	0.1
Other Doctoral Universities:												
UNC-Greensboro	0.3	5.0	0.4	0.1	37.3	-	0.9	0.8	0.4	-	0.1	-
Comprehensive Universities:												
Appalachian	0.3	6.9	0.3	0.1	38.7	1.3	0.8	1.8	0.8	0.1-	0.5	-
East Carolina	0.1	5.6	0.4	0.1	42.4	1.3	-	0.3	1.0	0.1	-	-
ECU-Health Aff.	-	-	-	-	-	-	2.5	0.1-	1.5	-	-	-
Fayetteville	0.1	6.7	0.2	0.1	34.9	1.1	0.8	0.1	2.7	-	-	0.7
NC A & T	0.3	4.3	0.8	0.2	31.3	1.2	0.4	0.3	1.0	0.1-	0.1	0.1-
NC Central	0.1	5.6	0.5	0.2	30.9	3.6	0.3	0.1	0.5	0.1-	-	0.1
UNC-Charlotte	0.1	4.5	0.4	0.1	40.6	0.3	0.6	0.2	0.8	0.1	-	-
UNC-Wilmington	0.7	5.9	0.6	0.4	33.3	7.4	0.3	0.1	0.6	-	0.1	-
West'n Carolina	0.1	3.5	0.4	0.1	38.3	1.0	0.4	0.4	0.9	0.1	-	-
SUBTOTAL	0.2	5.1	0.4	0.1	35.8	1.7	0.5	0.5	0.9	0.1-	0.1	0.1-
Gen. Baccalaureate Universities:												
Elizabeth City	0.1	3.4	0.3	0.2	36.3	1.9	1.0	0.8	0.5	-	-	-
Pembroke	0.1	9.6	0.3	0.2	28.7	0.2	0.6	0.6	0.8	0.1-	-	0.2
UNC-Asheville	0.2	3.9	0.6	0.2	28.2	2.0	0.3	0.3	1.4	-	0.5	0.3
Winston-Salem	0.1	4.4	0.4	0.2	30.5	2.0	0.5	0.2	1.3	-	0.2	-
SUBTOTAL	0.1	5.3	0.4	0.2	31.2	1.6	0.6	0.5	1.0	0.1-	0.2	0.1
Specialized Institution:												
NC Sch. of Arts	0.1	5.8	0.1	-	25.2	-	0.7	0.2	0.3	-	-	-
Teaching Hospital:												
NC Mem. Hosp.	-	-	-	-	-	-	-	0.7	1.6	-	0.1	-
Technical and Community Colleges:												
SUBTOTAL	0.4	3.7	0.9	0.2	4.9	0.1-	0.1-	0.1	1.6	0.1-	0.1-	0.2
PRIVATE INSTITUTIONS												
Major Research Universities:												
SUBTOTAL	0.1	3.8	0.1	0.1	26.4	2.9	0.1	0.4	1.1	0.3	0.4	0.1
Gen. Baccalaureate Colleges:												
SUBTOTAL	0.2	8.2	0.3	0.1	39.3	1.6	0.6	0.2	1.4	0.1	0.1-	0.1-
Junior Colleges:												
SUBTOTAL	0.3	7.9	0.2	0.1	40.7	1.3	0.7	0.4	1.3	0.1	0.1-	0.1-
GRAND TOTAL	0.2	4.8	0.3	0.1	28.9	1.7	0.4	0.3	1.1	0.1	0.2	0.1

Student Service and Physical Plant Operations Subprograms

Table 14c

INSTITUTION	Stud. Svc. Admin. 51	Social/ Cultur. Devel. 52	Coun/ Career Guid. 53	Finan. Aid Admin. 54	Student Auxiliary Service 55	Inter-colleg. Athl. 56	Stud. Health/ Med. Svc. 57	Physical Plant Admin. 71	Build-ing Maint. 72	Custo-dial Svcs. 73	Util-ities 74	Landscp. Grounds Maint. 75
Technical and Community Colleges:												
Anson TC	0.4	6.2	-	0.2	6.1	-	-	-	5.9	-	-	-
Ashev'le-Bun. TC	0.1	1.1	0.3	0.1	2.9	-	-	0.4	0.8	0.2	-	0.4
Beaufort Co. CC	0.5	8.0	1.1	0.3	4.0	-	-	-	3.1	-	-	-
Bladen TC	1.0	17.6	0.5	-	2.1	-	-	-	4.6	-	-	-
Blue Ridge TC	0.2	5.0	0.6	0.1	0.6	-	-	-	7.0	-	-	2.1
Brunswick TC	0.6	-	0.1	0.2	2.7	-	-	-	0.4	-	-	-
Caldwell CC & TI	0.1	8.8	1.2	0.1	5.4	-	-	0.1	1.5	-	-	0.1
Cape Fear TI	0.9	3.7	1.3	0.2	4.5	-	-	-	-	-	-	-
Carteret TC	0.8	2.1	0.1	0.1	3.5	-	-	0.2	0.3	-	-	-
Catawba Vy. TC	0.2	4.3	1.9	0.1	3.1	-	-	-	-	-	-	-
C. Carolina TC	0.3	0.7	0.9	0.2	6.8	-	0.1-	1.2	-	-	-	-
C. Piedmont TC	0.5	0.7	1.7	0.5	4.0	-	-	0.4	1.4	0.1-	-	0.1-
Cleveland TC	1.0	4.0	0.1	0.1	2.6	-	-	0.1	2.1	-	-	0.8
Coastal Car. CC	0.2	2.5	0.6	0.1	6.3	-	-	-	2.5	-	-	-
Col. Albemarle	1.5	6.0	0.6	0.3	1.8	-	-	-	1.7	-	-	-
Craven CC	0.2	0.1	1.2	0.2	3.8	-	-	-	-	-	-	-
Davidson Co. CC	0.2	2.5	1.2	0.1	4.9	-	0.1	0.1	3.7	-	-	-
Durham TI	0.1	0.8	1.2	-	6.3	-	-	0.5	2.4	0.1	-	0.8
Edgecombe TC	0.5	6.0	0.5	0.2	3.8	-	-	-	1.5	-	-	-
Fayettev'le TI	0.6	6.9	1.6	-	5.4	-	0.1	-	1.9	0.5	-	-
Forsyth TC	-	2.5	0.7	0.1	7.4	-	-	0.2	1.8	-	-	-
Gaston Col.	0.3	6.4	0.6	0.2	5.1	-	0.1	-	0.1-	-	-	-
Guilford TCC	0.2	4.2	0.7	0.2	4.5	-	-	-	1.2	-	-	-
Halifax CC	0.2	5.4	2.8	0.3	0.9	-	-	0.2	4.2	-	-	-
Haywood TC	0.1	0.5	0.2	0.1	4.6	-	-	0.1-	0.6	0.1-	-	3.0
Isothermal CC	0.4	3.7	0.5	-	4.2	-	-	0.1	1.1	0.1	-	-
J. Sprunt TC	0.9	3.6	0.9	0.3	4.5	-	-	-	4.9	-	-	-
Johnston TC	0.5	1.1	0.5	0.1	6.5	-	-	-	-	0.1-	-	-
Lenoir CC	0.1	2.4	0.3	0.3	4.2	1.6	-	-	0.3	-	-	0.2
Martin CC	0.4	7.0	0.5	0.1	3.9	-	-	0.8	3.1	-	-	-
Mayland TC	0.3	0.3	0.5	0.3	7.3	-	-	-	-	-	-	-
McDowell TC	0.4	-	0.8	0.2	4.9	-	-	-	0.7	-	-	1.4
Mitchell CC	0.2	7.7	2.3	0.2	4.9	-	-	-	0.9	-	-	-
Montgomery TC	0.3	4.1	0.7	0.2	5.3	-	-	-	-	-	-	-
Nash TC	0.2	0.4	2.0	0.2	3.1	-	-	0.2	0.7	-	-	-
Pamlico TC	1.1	-	1.1	-	7.0	-	-	-	4.0	-	-	-
Piedmont TC	1.3	0.3	-	-	6.1	-	-	-	4.1	-	-	-
Pitt CC	1.3	-	0.6	0.6	4.0	-	-	-	0.9	0.6	-	-
Randolph TC	1.1	4.1	0.8	0.1	7.1	-	-	-	0.9	-	-	-
Richmond TC	0.2	0.2	0.2	0.1	7.8	-	0.1	-	1.9	-	-	-
Roanoke-Cho. TC	0.4	3.0	0.8	0.1	6.0	-	-	-	0.8	0.1-	-	6.3
Robeson TC	0.1	3.9	0.4	0.1	2.0	-	-	-	0.2	-	-	-
Rockingham CC	0.6	7.3	0.4	0.2	4.2	-	-	0.1	0.7	-	-	0.3
Rowan TC	0.5	-	0.1	0.1	8.2	-	-	-	4.4	-	-	-
Sampson TC	0.3	-	0.4	0.1	4.2	-	-	-	-	-	-	-
Sandhills CC	0.2	1.3	0.9	0.2	10.8	-	-	-	3.0	0.2	0.1	-
Southeastern CC	0.3	4.2	2.0	0.8	6.7	-	-	0.4	0.7	-	-	-
Southwestern TC	1.0	6.3	0.4	0.4	6.1	-	-	-	3.5	-	-	-
Stanly TC	0.5	6.8	1.4	-	1.8	-	-	-	-	-	-	-
Surry CC	0.1	3.4	1.6	0.1	8.3	-	-	0.1	2.6	-	-	-
TC Alamance	0.4	0.2	0.2	0.4	5.8	-	-	0.5	2.2	-	-	-
Tri-County CC	0.3	2.7	0.1	0.1	3.2	-	-	-	-	-	-	-
Vance-Granv. CC	0.1	0.1	3.0	-	6.0	-	-	-	1.0	-	-	-
Wake TC	0.5	3.6	2.3	0.1-	5.4	-	0.2	0.1	4.3	-	-	0.3
Wayne CC	1.5	2.4	1.3	0.1	4.1	-	0.4	-	0.3	-	-	-
W. Piedmont CC	1.0	5.0	0.7	0.1	5.9	-	0.1	0.2	3.3	-	-	1.3
Wilkes CC	0.1	22.2	0.7	0.1	3.1	-	-	0.1	0.5	0.2	-	-
Wilson Co. TC	0.2	1.9	1.2	0.1	3.4	-	0.2	0.1	0.6	-	-	-
TOTAL	0.4	3.7	0.9	0.2	4.9	0.1-	0.1-	0.1	1.6	0.1-	0.1-	0.2

INSTITUTIONAL ADMINISTRATION, INDEPENDENT OPERATIONS, AND UNASSIGNED SUBPROGRAMS

Table 14d indicates the percentage of institutional square footage under the Institutional Administration, Independent Operations, and Unassigned Subprograms. The definitions of these subprograms follow.

61 Executive Management. This subprogram consists of those executive-level activities concerned with the overall management of and long-range planning for the entire institution. Included are the activities of the various administrators involved in policy formulation and executive direction, including those of the governing board, the chief executive officer, and the senior executive officers.

62 Financial Management and Operations. This subprogram consists of those activities related to the day-to-day financial management and fiscal operations of the institution.

63 General Administration and Logistical Services. This subprogram consists of those activities related to the general administrative operations and services of the institution with the exception of those activities related to financial operations, to administrative data processing, and to student records.

64 Administrative Computing Support. This subprogram includes those computer and data processing services that have been established to provide support for institution-wide administrative functions.

65 Faculty and Staff Auxiliary Services. This subprogram includes those support services that have been established primarily to serve the faculty and staff. A fee which is related to but not necessarily equal to the cost of the service rendered is often charged for these services.

66 Public Relations/Development. This subprogram consists of those institutional activities established to maintain relations with the local community, the institution's alumni, governmental entities, and the public in general, as well as those activities carried out to support institution-wide fund raising and development efforts.

67 Student Recruitment and Admissions. This subprogram consists of those activities carried out by an institution that are related to the identification of prospective students, the promotion of attendance at the institution, and the processing of applications for admission to the institution.

68 Student Records. This subprogram includes those activities the institution carries out to maintain, handle, and update records for currently enrolled students as well as for those who were previously enrolled.

91 Independent Operations/Institutional. This subprogram includes those operations that are owned or controlled by the institution but that are unrelated to or independent of the institution's mission. Excluded are those operations managed as investments of the institution's endowment funds.

92 Independent Operations/External Agencies. This subprogram includes those activities that are controlled or operated by outside agencies, but that are housed or otherwise supported in some way by the institution.

01 Capable of Use. This subprogram is limited to rooms that are not in use but are capable of use at the time of the inventory.

02 Incapable of Use. This subprogram is limited to rooms that are not in use at the time of the inventory because they are incapable of use. Included are rooms under alteration or renovation and rooms which have been declared structurally unsafe.

Subprogram 03 (Building Service) is not included in this table (and is not considered as part of Program 00 in Table 14) because it applies to nonassignable area only.

Independent Operations & Unassigned Subprograms

Table 14d

INSTITUTION	Exec. Mgmt. 61	Fin. Mgmt. & Opns. 62	Gen. Adm. Log. Svc. 63	Admin. Comput. Spt. 64	Fac/Staff Aux Svcs. 65	Public Rela Devel. 66	Stud. Recruit. Admiss. 67	Stud. Recd. 68	Indep. Opns. Inst. 91	Indep. Opns. Ext. Agency 92	Unassigned	
											Usable 01	Unusable 02
Major Research Universities:												
NC State	0.1	0.5	1.8	0.2	0.2	0.2	0.1	0.1	0.3	0.3	0.1-	0.1-
NC State Vet.	-	-	2.1	-	-	-	-	-	-	-	0.3	-
UNC-Chapel Hill	0.4	0.6	3.4	0.3	0.7	0.4	0.2	0.2	3.0	1.5	0.2	4.1
UNC-Health Aff.	0.1-	-	0.2	-	0.1	0.1-	0.1	0.1-	1.2	2.7	2.3	1.2
SUBTOTAL	0.2	0.5	2.3	0.2	0.4	0.2	0.1	0.1	1.5	1.1	0.4	1.9
Other Doctoral Universities:												
UNC-Greensboro	0.7	0.4	2.4	0.3	0.4	0.8	0.2	-	-	-	0.1	3.8
Comprehensive Universities:												
Appalachian	0.5	0.4	2.3	0.5	1.6	0.3	0.1	0.2	-	0.1	0.1	0.3
East Carolina	0.3	0.2	1.8	0.5	0.3	0.3	0.1	0.2	-	-	0.5	0.1
ECU-Health Aff.	-	-	-	-	-	-	-	-	-	-	0.1-	-
Fayetteville	1.6	1.3	3.7	-	2.5	0.3	0.2	0.3	0.1-	0.3	1.1	-
NC A & T	1.3	1.1	1.4	0.1	1.4	0.3	0.1	0.1	-	0.6	0.7	0.3
NC Central	0.8	0.5	2.3	0.7	2.2	0.3	0.2	0.1	-	0.1	1.4	0.3
UNC-Charlotte	0.9	0.6	1.9	0.4	0.4	0.2	0.4	0.1	-	-	-	1.6
UNC-Wilmington	1.2	0.7	2.7	0.5	1.3	0.3	0.4	0.3	-	0.3	0.1	1.9
West'n Carolina	0.7	0.4	1.3	0.3	3.6	0.5	0.2	0.2	-	1.4	0.1	1.2
SUBTOTAL	0.7	0.5	1.9	0.4	1.5	0.3	0.2	0.2	0.1-	0.3	0.4	0.6
Gen. Baccalaureate Universities:												
Elizabeth City	1.1	0.5	2.8	0.3	4.3	0.3	0.2	0.1	-	-	0.2	3.0
Pembroke	1.3	0.5	2.9	0.4	1.4	0.4	0.5	0.1	-	-	1.8	0.1
UNC-Asheville	0.9	0.4	2.9	0.2	2.0	0.4	0.3	0.6	-	0.7	-	5.6
Winston-Salem	0.6	0.5	1.8	-	1.1	0.6	0.3	0.4	-	0.1	14.2	0.7
SUBTOTAL	1.0	0.5	2.5	0.2	2.2	0.4	0.3	0.3	-	0.2	4.9	2.1
Specialized Institution:												
NC Sch. of Arts	0.9	0.4	1.9	-	2.9	0.6	0.3	0.7	-	0.1-	0.2	1.7
Teaching Hospital:												
NC Mem. Hosp.	0.8	0.2	0.2	0.3	-	-	-	-	-	2.5	1.4	-
Technical and Community Colleges:												
SUBTOTAL	1.4	1.1	3.7	0.3	0.6	0.2	0.3	0.5	0.1	0.5	0.6	0.4
PRIVATE INSTITUTIONS												
Major Research Universities:												
SUBTOTAL	0.3	0.3	3.1	0.3	1.4	0.6	0.2	0.1-	1.2	1.9	0.2	0.1-
Gen. Baccalaureate Colleges:												
SUBTOTAL	0.7	0.5	2.2	0.2	6.1	0.6	0.4	0.2	0.3	0.5	1.0	0.5
Junior Colleges:												
SUBTOTAL	0.5	0.5	2.1	0.1-	7.8	0.7	0.4	0.2	-	-	0.5	1.1
GRAND TOTAL	0.7	0.5	2.5	0.3	2.2	0.4	0.2	0.2	0.5	0.7	0.7	0.9

Institutional Administration,
Independent Operations & Unassigned Subprograms

Table 14d

INSTITUTION	Exec. Mgmt. 61	Fin. Mgmt. & Opns. 62	Gen. Adm. Log. Svc. 63	Admin. Comput. Spt. 64	Fac/Staff Aux Svcs. 65	Public Rela/ Devel. 66	Stud. Recruit. Admiss. 67	Stud. Recd. 68	Indep. Opns. Inst. 91	Indep. Opns. Ext. Agency 92	Unassigned Usable 01	Unassigned Unusable 02
Technical and Community Colleges:												
Anson TC	2.6	1.6	0.7	0.3	-	-	-	-	-	-	3.3	-
Ashev'le-Bun. TC	1.7	1.1	9.4	0.2	0.3	-	-	0.3	-	-	0.1	0.7
Beaufort Co. CC	2.0	1.0	1.0	-	0.4	-	0.1	1.0	-	-	-	1.9
Bladen TC	2.2	1.2	3.1	0.4	0.1	0.2	-	0.2	-	-	-	0.2
Blue Ridge TC	1.0	2.2	0.3	-	-	0.1	-	0.5	-	-	-	-
Brunswick TC	1.4	1.7	1.5	-	-	0.4	-	-	-	-	3.3	5.2
Caldwell CC & TI	1.0	1.2	5.4	0.3	-	0.2	1.2	0.3	-	1.6	-	-
Cape Fear TI	1.4	2.5	4.6	0.3	0.6	-	-	0.7	-	0.2	0.7	-
Carteret TC	1.1	0.8	16.8	0.3	0.4	-	-	0.2	-	15.0	-	-
Catawba Vy. TC	0.7	1.2	7.1	-	0.6	0.1	-	0.9	-	-	0.1	-
C. Carolina TC	1.7	1.3	0.9	-	0.2	-	-	1.1	-	-	-	-
C. Piedmont TC	1.1	1.0	2.6	0.2	0.6	0.1	1.1	0.7	-	-	-	-
Cleveland TC	1.8	0.7	3.5	-	0.5	0.5	0.1	0.3	-	-	0.8	-
Coastal Car. CC	1.1	1.1	1.8	0.1	0.6	0.1	0.2	0.5	-	-	0.1	-
Col. Albemarle	1.7	1.1	2.5	0.8	0.3	0.2	0.3	0.4	-	-	-	-
Craven CC	1.3	1.4	1.6	-	0.3	0.5	-	0.4	-	-	-	-
Davidson Co. CC	1.4	0.6	1.0	0.3	1.5	0.3	0.2	0.5	-	-	-	-
Durham TI	1.2	1.1	4.3	-	0.4	0.4	1.8	0.2	-	0.4	-	0.5
Edgecombe TC	2.1	0.9	0.9	-	0.1	-	-	0.3	-	1.5	-	-
Fayettev'le TI	1.2	1.6	2.8	0.6	0.1	0.3	0.1-	0.1	-	-	-	-
Forsyth TC	1.7	0.6	0.9	-	0.3	0.1	0.7	0.5	-	-	6.6	0.1
Gaston Col.	1.8	0.6	3.5	-	0.2	0.1	0.3	0.2	-	0.1	0.3	-
Guilford TCC	1.4	0.6	6.0	0.5	1.9	0.2	0.3	0.6	0.3	-	0.2	-
Halifax CC	0.4	0.6	3.5	0.4	0.8	-	0.2	0.2	-	-	-	-
Haywood TC	0.7	0.3	1.0	0.1	0.2	-	0.2	0.1	-	9.4	0.1	-
Isothermal CC	2.2	1.3	0.5	0.1	0.1	0.2	0.2	0.3	-	-	-	-
J. Sprunt TC	1.9	2.0	1.7	-	-	0.7	0.1	0.4	-	-	-	-
Johnston TC	0.8	0.7	7.8	0.3	1.0	-	0.1	0.2	-	-	0.7	-
Lenoir CC	0.7	1.6	5.3	-	0.5	-	0.5	0.5	-	-	-	-
Martin CC	0.9	0.9	1.2	1.5	0.3	-	-	0.4	-	0.4	-	-
Mayland TC	2.3	2.5	1.5	0.6	-	-	-	0.8	-	-	-	-
McDowell TC	1.9	1.6	3.8	-	0.1	0.2	-	0.2	-	-	-	-
Mitchell CC	0.6	0.7	2.8	0.3	1.0	0.7	0.2	1.0	-	0.5	0.7	2.5
Montgomery TC	2.7	1.8	3.4	-	-	-	0.2	0.6	-	-	-	-
Nash TC	1.9	1.1	3.6	0.5	0.6	0.1	-	0.8	-	1.9	-	11.4
Pamlico TC	2.7	3.3	3.1	-	-	-	-	0.3	-	-	-	-
Piedmont TC	3.1	1.3	1.8	0.2	0.2	0.5	-	0.7	-	-	0.7	-
Pitt CC	0.6	1.3	2.2	-	0.7	0.2	-	0.8	-	-	1.9	0.2
Randolph TC	2.0	1.0	5.6	0.2	0.9	0.1	-	1.1	-	-	-	-
Richmond TC	2.4	1.1	2.0	0.2	-	0.6	-	0.6	-	-	-	-
Roanoke-Cho. TC	2.1	1.6	4.6	0.2	0.2	0.2	-	0.4	-	-	-	-
Robeson TC	1.5	0.8	6.8	0.1	0.5	0.2	0.3	0.1	-	-	7.7	-
Rockingham CC	0.9	1.1	3.5	0.9	0.7	0.3	0.7	0.3	-	0.1-	0.2	-
Rowan TC	1.2	0.8	1.9	1.2	0.6	-	0.2	0.2	-	-	-	-
Sampson TC	1.8	2.4	3.5	0.5	-	-	0.2	1.4	0.1	-	-	-
Sandhills CC	1.2	0.4	2.6	0.5	3.6	0.1	0.3	0.3	-	-	-	-
Southeastern CC	0.9	0.9	3.9	0.2	-	1.0	-	0.8	-	-	0.2	-
Southwestern TC	1.8	1.0	2.8	-	-	0.4	-	0.4	-	-	0.6	-
Stanly TC	3.8	2.1	1.7	-	-	0.7	0.2	0.6	-	-	9.3	-
Surry CC	0.7	1.0	2.0	0.4	0.6	-	0.1	0.1	-	-	-	-
TC Alamance	1.8	0.8	1.8	-	1.0	0.2	0.2	0.5	-	-	-	-
Tri-County CC	1.2	0.9	4.4	0.1	0.1	-	-	0.3	-	-	-	-
Vance-Granv. CC	2.0	1.3	11.0	-	-	0.3	0.1	0.9	-	-	-	-
Wake TC	1.8	0.8	6.6	0.4	1.4	0.3	0.4	1.0	-	-	0.3	0.6
Wayne CC	1.3	1.4	1.8	0.4	-	0.2	-	1.1	-	-	-	-
W. Piedmont CC	1.3	0.9	2.3	0.7	-	0.1	0.1	0.6	-	-	-	6.6
Wilkes CC	1.7	1.1	5.2	0.2	0.1	0.1	0.4	0.1	4.3	-	-	-
Wilson Co. TC	1.4	1.1	6.8	-	0.2	0.4	1.0	0.1	-	-	-	0.8
TOTAL	1.4	1.1	3.7	0.3	0.6	0.2	0.3	0.5	0.1	0.5	0.6	0.4

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TABLE 15:
ASSIGNABLE AREA BY ROOM CODES

Just as all assignable space can be categorized by program (Table 14), it can also be classified by type of room. A system of codes has been developed which includes virtually all types of rooms which can be found at a college or university. The room code system is summarized on page 118; specific definitions can be found in the Higher Education Facilities Commission's Facilities Inventory and Utilization Manual (fourth edition).

Table 15 provides percentage distributions among the ten major room code divisions. In theory, the sum of the percentages should always equal 100.0, but they do not for some institutions because of rounding.

The data from the 1974 HEGIS facilities survey, conducted by the National Center for Education Statistics, serve as the basis for norms. The following chart reports these norms and summarizes the corresponding data from Table 15. These norms are not applicable to the public two-year institutions because they have almost no residential space. For these schools, the subtotal for "Community Colleges and Technical Institutes/Colleges" in Table 15 may serve as a norm.

Room Code	Norm	All N. C. Institutions 1985
Classroom (Series 100)	8.0	7.8
Laboratory (Series 200)	14.5	15.2
Office (Series 300)	13.0	15.5
Study (Series 400)	6.8	7.4
Special Use (Series 500)	8.9	8.5
General Use (Series 600)	12.0	12.5
Supporting (Series 700)	6.5	5.0
Health Care (Series 800)	1.4	2.6
Residential (Series 900)	26.7	24.2
Unclassified (Series 000)	2.2	1.4

ROOM CODES

100 Classroom Facilities
110 Classroom
115 Classroom Service

200 Laboratory Facilities
210 Class Laboratory
215 Class Laboratory Service
220 Special Class Laboratory
225 Special Class Laboratory Service
230 Individual Study Laboratory
235 Individual Study Laboratory Service
250 Nonclass Laboratory
255 Nonclass Laboratory Service

300 Office Facilities
310 Office
315 Office Service
350 Conference Room (Office Related)
355 Conference Room Service (Office Related)

400 Study Facilities
410 Reading/Study Room
420 Stack
430 Open Stack Reading Room
440 Processing Room
455 Study Service

500 Special Use Facilities
510 Armory
515 Armory Service
520 Athletic/Physical Education
523 Athletic Facilities Spectator Seating
525 Athletic/Physical Education Service
530 Audiovisual, Radio, TV
535 Audiovisual, Radio, TV Service
540 Clinic (Nonhealth Professions)
550 Demonstration
555 Demonstration Service
560 Field Building
570 Animal Quarters
575 Animal Quarters Service
580 Greenhouse
585 Greenhouse Service
590 Other

600 General Use Facilities
610 Assembly
615 Assembly Service
620 Exhibition
625 Exhibition Service
630 Food Facilities
635 Food Facilities Service
650 Lounge
655 Lounge Service
660 Merchandising Facilities
665 Merchandising Facilities Service
670 Recreation
675 Recreation Service
680 Meeting Room
685 Meeting Room Service
690 Locker Room

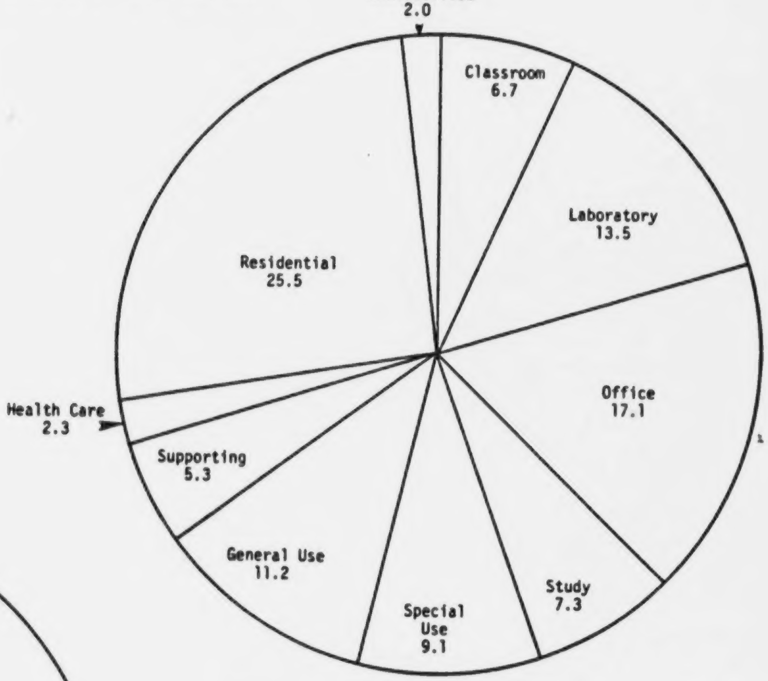
700 Supporting Facilities
710 Data Processing/Computer
715 Data Processing/Computer Service
720 Shop
725 Shop Service
730 Storage
735 Storage Service
740 Vehicle Storage Facility
745 Vehicle Storage Facility Service
750 Central Food Stores
760 Central Laundry

800 Health Care Facilities
810 Patient Bedroom
820 Patient Bath
830 Nurse Station
840 Surgery
850 Treatment
860 Service Laboratory
870 Supplies
880 Public Waiting
895 Health Care Service

900 Residential Facilities
910 Sleep/Study Without Toilet/Bath
919 Toilet/Bath
920 Sleep/Study with Toilet/Bath
935 Sleep/Study Service
950 Apartment
955 Apartment Service
970 House

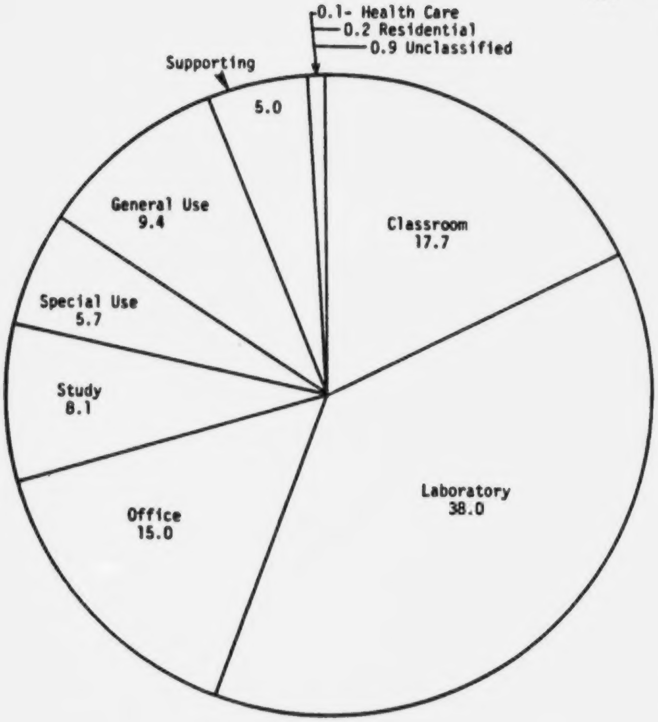
000 Unclassified Facilities
050 Inactive Area
060 Alteration or Conversion Area
070 Unfinished Area

PERCENTAGE DISTRIBUTION OF ASSIGNABLE AREA BY ROOM CODES

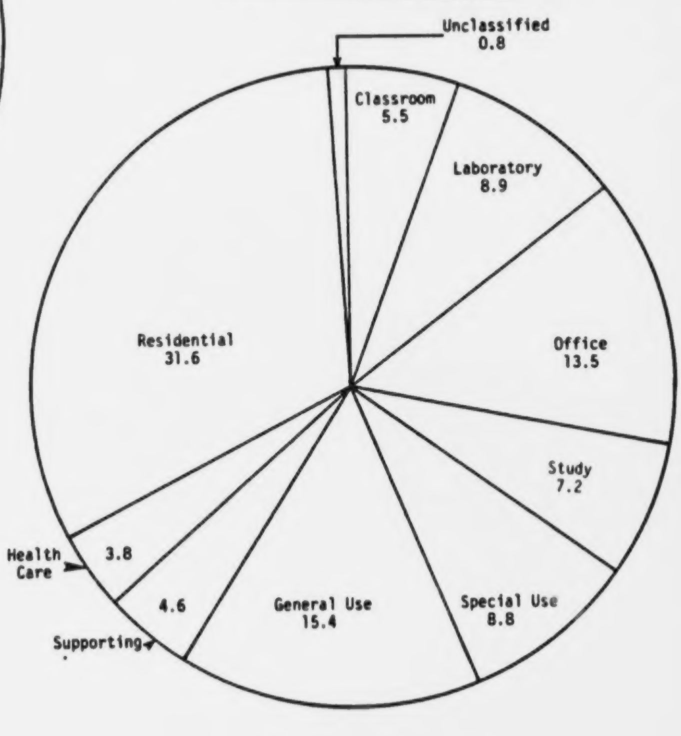


The University of North Carolina

ALL PUBLIC BACCALAUREATE-GRANTING INSTITUTIONS
AND N.C. MEMORIAL HOSPITAL



Technical and Community Colleges



Private Institutions

Assignable Area by Room Codes

Table 15

INSTITUTION	Total Assignable Area	Classroom Facilities (100)		Laboratory Facilities (200)		Office Facilities (300)		Study Facilities (400)	
		ASF	% %	ASF	%	ASF	%	ASF	%
Major Research Universities:									
NC State	4,261,400	211,589	5.0	828,350	19.4	757,549	17.8	166,611	3.9
NC State Vet.	223,701	7,724	3.5	49,458	22.1	31,334	14.0	13,269	5.9
UNC-Chapel Hill	4,147,285	219,105	5.3	347,358	8.4	687,257	16.6	516,502	12.5
UNC-Health Aff.	1,207,869	57,464	4.8	404,145	33.5	432,506	35.8	68,566	5.7
SUBTOTAL	9,840,255	495,882	5.0	1,629,311	16.6	1,908,646	19.4	764,948	7.8
Other Doctoral Universities:									
UNC-Greensboro	1,672,666	138,167	8.3	171,597	10.3	286,458	17.1	142,220	8.5
Comprehensive Universities:									
Appalachian	1,834,071	141,261	7.7	131,998	7.2	271,824	14.8	106,193	5.8
East Carolina	1,882,436	150,447	8.0	243,664	12.9	244,980	13.0	130,440	6.9
ECU-Health Aff.	406,772	33,725	8.3	137,692	33.8	105,943	26.0	37,843	9.3
Fayetteville	497,024	40,263	8.1	56,752	11.4	70,436	14.2	29,934	6.0
NC A & T	1,343,404	118,171	8.8	209,507	15.6	218,913	16.3	60,809	4.5
NC Central	1,011,183	111,436	11.0	84,045	8.3	159,061	15.7	112,501	11.1
UNC-Charlotte	1,374,986	93,497	6.8	214,661	15.6	211,466	15.4	103,669	7.5
UNC-Wilmington	689,116	51,578	7.5	70,818	10.3	119,344	17.3	42,210	6.1
West'n Carolina	1,427,689	94,258	6.6	132,741	9.3	188,017	13.2	119,148	8.3
SUBTOTAL	10,466,681	834,636	8.0	1,281,878	12.2	1,589,984	15.2	742,747	7.1
Gen. Baccalaureate Universities:									
Elizabeth City	501,082	33,045	6.6	44,185	8.8	52,905	10.6	36,020	7.2
Pembroke	438,330	47,778	10.9	34,976	8.0	57,777	13.2	28,886	6.6
UNC-Asheville	352,846	31,541	8.9	38,334	10.9	47,994	13.6	41,694	11.8
Winston-Salem	584,877	64,833	11.1	44,774	7.7	74,817	12.8	28,156	4.8
SUBTOTAL	1,877,135	177,197	9.4	162,269	8.6	233,493	12.4	134,756	7.2
Specialized Institution:									
NC Sch. of Arts	325,483	15,605	4.8	101,986	31.3	42,747	13.1	18,631	5.7
Teaching Hospital:									
NC Mem. Hosp.	576,962	-	-	160	0.1-	173,830	30.1	3,773	0.7
Technical and Community Colleges:									
SUBTOTAL	7,080,926	1,254,850	17.7	2,688,812	38.0	1,061,620	15.0	573,838	8.1
PRIVATE INSTITUTIONS									
Major Research Universities:									
SUBTOTAL	6,868,168	235,969	3.4	810,285	11.8	1,378,501	20.1	566,694	8.3
Gen. Baccalaureate Colleges:									
SUBTOTAL	10,043,091	662,881	6.6	721,637	7.2	1,001,713	10.0	663,161	6.6
Junior Colleges:									
SUBTOTAL	1,729,162	119,016	6.9	125,241	7.2	129,606	7.5	104,051	6.0
GRAND TOTAL	50,480,529	3,934,203	7.8	7,693,176	15.2	7,806,598	15.5	3,714,819	7.4

Assignable Area by Room Codes

Table 15

Special Use Facilities (500)		General Use Facilities (600)		Supporting Facilities (700)		Health Care Facilities (800)		Residential Facilities (900)		Unclassified Facilities (000)		INSTITUTION
ASF	%	ASF	%	ASF	%	ASF	%	ASF	%	ASF	%	
												Major Research Universities:
420,983	9.9	371,289	8.7	515,888	12.1	10,462	0.2	977,630	22.9	1,049	0.1-	NC State
50,536	22.6	11,293	5.0	8,127	3.6	51,960	23.2	-	-	-	-	NC State Vet.
345,705	8.3	471,075	11.4	258,966	6.2	19,877	0.5	1,101,315	26.6	180,125	4.3	UNC-Chapel Hill
65,785	5.4	45,964	3.8	27,683	2.3	64,719	5.4	430	0.1-	40,607	3.4	UNC-Health Aff.
883,009	9.0	899,621	9.1	810,664	8.2	147,018	1.5	2,079,375	21.1	221,781	2.3	SUBTOTAL
												Other Doctoral Universities:
69,977	4.2	278,677	16.7	48,420	2.9	10,653	0.6	460,807	27.5	65,690	3.9	UNC-Greensboro
												Comprehensive Universities:
158,487	8.6	302,667	16.5	81,190	4.4	11,973	0.7	622,491	33.9	5,987	0.3	Appalachian
148,614	7.9	181,583	9.6	55,296	2.9	-	-	724,723	38.5	2,689	0.1	East Carolina
31,000	7.6	9,358	2.3	15,994	3.9	35,217	8.7	-	-	-	-	ECU-Health Aff.
45,488	9.2	69,551	14.0	31,007	6.2	3,891	0.8	145,582	29.3	4,120	0.8	Fayetteville
173,147	12.9	154,196	11.5	43,090	3.2	4,702	0.4	349,126	26.0	11,743	0.9	NC A & T
136,465	13.5	111,920	11.1	30,022	3.0	2,978	0.3	258,057	25.5	4,698	0.5	NC Central
102,730	7.5	186,348	13.6	23,734	1.7	6,779	0.5	410,207	29.8	21,895	1.6	UNC-Charlotte
104,546	15.2	71,017	10.3	18,731	2.7	1,219	0.2	196,871	28.6	12,782	1.9	UNC-Wilmington
162,944	11.4	164,212	11.5	41,815	2.9	4,341	0.3	502,713	35.2	17,500	1.2	West'n Carolina
1,063,421	10.2	1,250,852	12.0	340,879	3.3	71,100	0.7	3,209,770	30.7	81,414	0.8	SUBTOTAL
												Gen. Baccalaureate Universities:
64,434	12.9	71,496	14.3	15,314	3.1	4,862	1.0	163,585	32.6	15,236	3.0	Elizabeth City
63,611	14.5	68,003	15.5	17,048	3.9	2,432	0.6	110,653	25.2	7,166	1.6	Pembroke
32,615	9.2	46,888	13.3	17,459	4.9	997	0.3	75,598	21.4	19,726	5.6	UNC-Asheville
64,747	11.1	75,208	12.9	18,467	3.2	2,500	0.4	138,259	23.6	73,116	12.5	Winston-Salem
225,407	12.0	261,595	13.9	68,288	3.6	10,791	0.6	488,095	26.0	115,244	6.1	SUBTOTAL
												Specialized Institution:
7,795	2.4	38,639	11.9	19,905	6.1	1,814	0.6	72,224	22.2	6,137	1.9	NC Sch. of Arts
												Teaching Hospital:
1,791	0.3	34,787	6.0	19,129	3.3	340,079	58.9	3,010	0.5	403	0.1	NC Mem. Hosp.
												Technical and Community Colleges:
400,864	5.7	666,266	9.4	352,778	5.0	2,986	0.1-	12,894	0.2	66,018	0.9	SUBTOTAL
						PRIVATE INSTITUTIONS						
												Major Research Universities:
424,509	6.2	748,146	10.9	453,000	6.6	648,404	9.4	1,590,366	23.2	12,294	0.2	SUBTOTAL
												Gen. Baccalaureate Colleges:
1,049,124	10.4	1,805,525	18.0	346,850	3.5	49,003	0.5	3,627,236	36.1	115,961	1.2	SUBTOTAL
												Junior Colleges:
174,686	10.1	311,384	18.0	61,655	3.6	10,491	0.6	668,521	38.7	24,511	1.4	SUBTOTAL
4,300,583	8.5	6,295,492	12.5	2,521,568	5.0	1,292,339	2.6	12,212,298	24.2	709,453	1.4	GRAND TOTAL

Assignable Area by Room Codes

Table 15

INSTITUTION	Total Assignable Area	Classroom Facilities (100)		Laboratory Facilities (200)		Office Facilities (300)		Study Facilities (400)	
		ASF	%	ASF	%	ASF	%	ASF	%
Technical and Community Colleges:									
Anson TC	44,537	5,088	11.4	16,291	36.6	7,484	16.8	6,624	14.9
Ashev'le-Bun. TC	193,303	44,414	23.0	68,682	35.5	28,653	14.8	9,200	4.8
Beaufort Co. CC	95,437	19,964	20.9	33,827	35.4	15,127	15.9	8,491	8.9
Bladen TC	66,274	5,712	8.6	29,605	44.7	7,115	10.7	4,901	7.4
Blue Ridge TC	86,413	11,939	13.8	43,324	50.1	9,129	10.6	4,517	5.2
Brunswick TC	57,695	10,892	18.9	24,754	42.9	6,870	11.9	7,844	13.6
Caldwell CC & TI	123,273	15,994	13.0	41,775	33.9	19,348	15.7	13,005	10.5
Cape Fear TI	153,312	15,384	10.0	72,886	47.5	28,160	18.4	12,691	8.3
Carteret TC	110,932	18,400	16.6	33,359	30.1	9,600	8.7	6,367	5.7
Catawba Vy. TC	161,722	31,078	19.2	65,333	40.4	23,311	14.4	14,597	9.0
C. Carolina TC	101,581	16,210	16.0	47,987	47.2	16,364	16.1	8,120	8.0
C. Piedmont TC	428,983	83,177	19.4	159,499	37.2	77,358	18.0	36,983	8.6
Cleveland TC	118,846	20,966	17.6	48,525	40.8	18,492	15.6	13,183	11.1
Coastal Car. CC	147,036	22,909	15.6	63,967	43.5	20,264	13.8	15,624	10.6
Col. Albemarle	93,264	14,672	15.7	39,112	41.9	15,513	16.6	9,815	10.5
Craven CC	90,207	18,082	20.0	38,302	42.5	12,464	13.8	14,418	16.0
Davidson Co. CC	145,065	30,035	20.7	40,327	27.8	22,863	15.8	16,094	11.1
Durham TI	137,610	25,378	18.4	58,476	42.5	25,472	18.5	6,166	4.5
Edgecombe TC	88,714	21,404	24.1	33,053	37.3	13,852	15.6	6,105	6.9
Fayettev'le TI	225,542	52,213	23.2	76,250	33.8	41,749	18.5	11,864	5.3
Forsyth TC	283,772	56,636	20.0	98,953	34.9	38,442	13.5	19,655	6.9
Gaston Col.	192,777	37,564	19.5	81,207	42.1	30,753	16.0	9,772	5.1
Guilford TCC	389,252	70,073	18.0	139,949	36.0	52,462	13.5	34,044	8.7
Halifax CC	62,465	10,909	17.5	26,162	41.9	8,650	13.8	8,196	13.1
Haywood TC	156,107	14,393	9.2	82,211	52.7	14,785	9.5	5,866	3.8
Isothermal CC	135,527	21,848	16.1	43,889	32.4	17,200	12.7	11,628	8.6
J. Sprunt TC	77,713	10,929	14.1	34,913	44.9	16,920	21.8	4,336	5.6
Johnston TC	116,579	28,822	24.7	43,001	36.9	12,249	10.5	4,880	4.2
Lenoir CC	144,464	27,228	18.8	44,490	30.8	19,622	13.6	17,138	11.9
Martin CC	110,951	15,634	14.1	45,736	41.2	12,685	11.4	13,448	12.1
Mayland TC	35,269	6,564	18.6	15,075	42.7	6,652	18.9	3,226	9.1
McDowell TC	51,167	11,374	22.2	22,564	44.1	8,129	15.9	4,962	9.7
Mitchell CC	132,277	25,760	19.5	39,809	30.1	20,109	15.2	13,476	10.2
Montgomery TC	43,103	5,370	12.5	21,119	49.0	6,689	15.5	2,909	6.7
Nash TC	74,731	15,647	20.9	31,283	41.9	11,004	14.7	3,533	4.7
Pamlico TC	28,725	4,363	15.2	11,183	38.9	4,642	16.2	3,916	13.6
Piedmont TC	84,176	10,479	12.4	28,141	33.4	13,234	15.7	6,684	7.9
Pitt CC	112,045	25,808	23.0	45,696	40.8	19,481	17.4	5,401	4.8
Randolph TC	120,438	12,227	10.2	51,635	42.9	18,745	15.6	12,034	10.0
Richmond TC	87,218	14,279	16.4	40,864	46.9	13,293	15.2	7,347	8.4
Roanoke-Cho. TC	66,705	12,196	18.3	24,558	36.8	10,907	16.4	6,299	9.4
Robeson TC	93,202	14,953	16.0	43,395	46.6	11,951	12.8	5,244	5.6
Rockingham CC	156,324	23,129	14.8	45,086	28.8	20,774	13.3	14,622	9.4
Rowan TC	146,324	32,002	21.9	50,533	34.5	18,774	12.8	15,798	10.8
Sampson TC	53,875	9,708	18.0	24,338	45.2	10,016	18.6	4,256	7.9
Sandhills CC	146,258	22,593	15.4	46,552	31.8	25,200	17.2	11,049	7.6
Southeastern CC	111,173	21,917	19.7	36,354	32.7	17,765	16.0	8,774	7.9
Southwestern TC	81,414	15,420	18.9	28,972	35.6	12,802	15.7	9,180	11.3
Stanly TC	54,798	13,247	24.2	16,717	30.5	10,376	18.9	3,684	6.7
Surry CC	123,282	20,229	16.4	39,925	32.4	13,462	10.9	11,261	9.1
TC Alamance	105,779	20,989	19.8	45,265	42.8	13,808	13.1	7,863	7.4
Tri-County CC	64,171	11,497	17.9	35,894	55.9	5,797	9.0	5,122	8.0
Vance-Granv. CC	87,258	16,693	19.1	31,023	35.6	14,208	16.3	7,032	8.1
Wake TC	186,483	32,017	17.2	62,356	33.4	37,160	19.9	12,196	6.5
Wayne CC	132,561	28,048	21.2	58,605	44.2	23,400	17.7	6,838	5.2
W. Piedmont CC	104,000	14,022	13.5	30,000	28.8	16,894	16.2	10,442	10.0
Wilkes CC	148,409	21,961	14.8	33,708	22.7	16,953	11.4	9,588	6.5
Wilson Co. TC	110,408	14,411	13.1	52,317	47.4	16,439	14.9	5,530	5.0
TOTAL	7,080,926	1,254,850	17.7	2,688,812	38.0	1,061,620	15.0	573,838	8.1

Assignable Area by Room Codes

Table 15

Special Use Facilities (500)		General Use Facilities (600)		Supporting Facilities (700)		Health Care Facilities (800)		Residential Facilities (900)		Unclassified Facilities (000)		INSTITUTION
ASF	%	ASF	%	ASF	%	ASF	%	ASF	%	ASF	%	
												Technical and Community Colleges:
240	0.5	4,712	10.6	2,613	5.9	-	-	-	-	1,485	3.3	Anson TC
14,651	7.6	8,392	4.3	18,004	9.3	-	-	-	-	1,307	0.7	Ashev'le-Bun. TC
940	1.0	12,415	13.0	2,873	3.0	-	-	-	-	1,800	1.9	Beaufort Co. CC
349	0.5	13,220	19.9	5,103	7.7	-	-	-	-	269	0.4	Bladen TC
4,492	5.2	4,686	5.4	8,326	9.6	-	-	-	-	-	-	Blue Ridge TC
-	-	2,009	3.5	384	0.7	-	-	-	-	4,942	8.6	Brunswick TC
15,273	12.4	11,259	9.1	6,619	5.4	-	-	-	-	-	-	Caldwell CC & TI
3,283	2.1	15,893	10.4	3,730	2.4	-	-	257	0.2	1,028	0.7	Cape Fear TI
1,275	1.1	22,868	20.6	19,063	17.2	-	-	-	-	-	-	Carteret TC
5,512	3.4	13,251	8.2	8,640	5.3	-	-	-	-	-	-	Catawba Vy. TC
3,474	3.4	7,633	7.5	1,758	1.7	35	0.1-	-	-	-	-	C. Carolina TC
32,729	7.6	26,573	6.2	12,664	3.0	-	-	-	-	-	-	C. Piedmont CC
1,858	1.6	8,325	7.0	7,265	6.1	-	-	-	-	232	0.2	Cleveland TC
3,510	2.4	14,822	10.1	5,940	4.0	-	-	-	-	-	-	Coastal Car. CC
567	0.6	9,487	10.2	4,098	4.4	-	-	-	-	-	-	Col. Albemarle
1,797	2.0	4,250	4.7	894	1.0	-	-	-	-	-	-	Craven CC
14,793	10.2	12,621	8.7	8,216	5.7	116	0.1	-	-	-	-	Davidson Co. CC
2,740	2.0	10,263	7.5	8,475	6.2	-	-	-	-	640	0.5	Durham TI
2,002	2.3	8,970	10.1	2,222	2.5	1,106	1.2	-	-	-	-	Edgecombe TC
17,887	7.9	14,695	6.5	10,578	4.7	306	0.1	-	-	-	-	Fayettev'le TI
17,699	6.2	29,424	10.4	5,201	1.8	272	0.1	-	-	17,490	6.2	Forsyth TC
5,216	2.7	23,494	12.2	4,492	2.3	279	0.1	-	-	-	-	Gaston Col.
19,533	5.0	43,990	11.3	23,846	6.1	-	-	5,355	1.4	-	-	Guilford TCC
649	1.0	4,483	7.2	3,416	5.5	-	-	-	-	-	-	Halifax CC
25,467	16.3	8,610	5.5	4,542	2.9	-	-	233	0.1	-	-	Haywood TC
28,702	21.2	10,329	7.6	1,931	1.4	-	-	-	-	-	-	Isothermal CC
-	-	6,630	8.5	3,985	5.1	-	-	-	-	-	-	J. Sprunt TC
9,012	7.7	9,114	7.8	7,858	6.7	-	-	874	0.7	769	0.7	Johnston TC
20,053	13.9	9,511	6.6	6,422	4.4	-	-	-	-	-	-	Lenoir CC
4,740	4.3	12,202	11.0	6,506	5.9	-	-	-	-	-	-	Martin CC
1,204	3.4	2,325	6.6	223	0.6	-	-	-	-	-	-	Mayland TC
-	-	3,086	6.0	1,052	2.1	-	-	-	-	-	-	McDowell TC
5,749	4.3	19,067	14.4	4,688	3.5	-	-	-	-	3,619	2.7	Mitchell CC
1,538	3.6	4,206	9.8	1,272	3.0	-	-	-	-	-	-	Montgomery TC
-	-	2,912	3.9	1,850	2.5	-	-	-	-	8,502	11.4	Nash TC
465	1.6	2,114	7.4	2,042	7.1	-	-	-	-	-	-	Pamlico TC
9,822	11.7	12,189	14.5	3,627	4.3	-	-	-	-	-	-	Piedmont TC
5,459	4.9	5,275	4.7	2,545	2.3	-	-	-	-	2,380	2.1	Pitt CC
4,769	4.0	13,647	11.3	7,381	6.1	-	-	-	-	-	-	Randolph TC
390	0.4	8,638	9.9	2,307	2.6	100	0.1	-	-	-	-	Richmond TC
-	-	6,087	9.1	6,658	10.0	-	-	-	-	-	-	Roanoke-Cho. TC
155	0.2	6,319	6.8	3,965	4.3	-	-	-	-	7,220	7.7	Robeson TC
27,087	17.3	18,429	11.8	6,973	4.5	-	-	-	-	224	0.1	Rockingham CC
3,597	2.5	16,415	11.2	9,205	6.3	-	-	-	-	-	-	Rowan TC
1,140	2.1	2,289	4.2	2,128	3.9	-	-	-	-	-	-	Sampson TC
10,823	7.4	16,968	11.6	7,525	5.1	-	-	5,548	3.8	-	-	Sandhills CC
8,397	7.6	11,872	10.7	6,094	5.5	-	-	-	-	-	-	Southeastern CC
191	0.2	10,276	12.6	4,573	5.6	-	-	-	-	-	-	Southwestern TC
234	0.4	5,501	10.0	226	0.4	-	-	-	-	4,813	8.8	Stanly TC
17,796	14.4	15,105	12.3	5,504	4.5	-	-	-	-	-	-	Surry CC
4,548	4.3	8,746	8.3	3,933	3.7	-	-	627	0.6	-	-	TC Alamance
-	-	3,870	6.0	1,991	3.1	-	-	-	-	-	-	Tri-County CC
2,764	3.2	5,982	6.9	9,556	11.0	-	-	-	-	-	-	Vance-Granv. CC
3,644	2.0	18,951	10.2	18,267	9.8	328	0.2	-	-	1,564	0.8	Wake TC
2,357	1.8	10,348	7.8	2,794	2.1	171	0.1	-	-	-	-	Wayne CC
6,128	5.9	12,112	11.6	7,478	7.2	54	0.1	-	-	6,870	6.6	W. Piedmont CC
21,655	14.6	33,409	22.5	11,135	7.5	-	-	-	-	-	-	Wilkes CC
2,509	2.3	5,997	5.4	12,122	11.0	219	0.2	-	-	864	0.8	Wilson Co. TC
400,864	5.7	666,266	9.4	352,778	5.0	2,986	0.1-	12,894	0.2	66,018	0.9	TOTAL

TABLE 16:
ASSIGNABLE SQUARE FEET PER STUDENT STATION FOR CLASSROOMS

The number of students that a classroom can accommodate is an important factor in determining how efficiently classroom space is used. This can be measured in terms of assignable square feet per student station and the average number of stations per classroom.

The assignable square feet per student station in a classroom is largely determined by the number and type of stations in the room. Generally, rooms with relatively large numbers of stations require less space per station. As for types of stations, tables and chairs require more space per station than standard student desks, which require more space than theater seating. Although the space required per station can vary from less than 10 assignable square feet to more than 30, a frequently cited norm is 16 square feet per station.

The Higher Education Facilities Planning and Management Manuals (page 62 of Manual Two) list norms which are based on the number and type of station:

Assignable Square Feet per Station Criteria

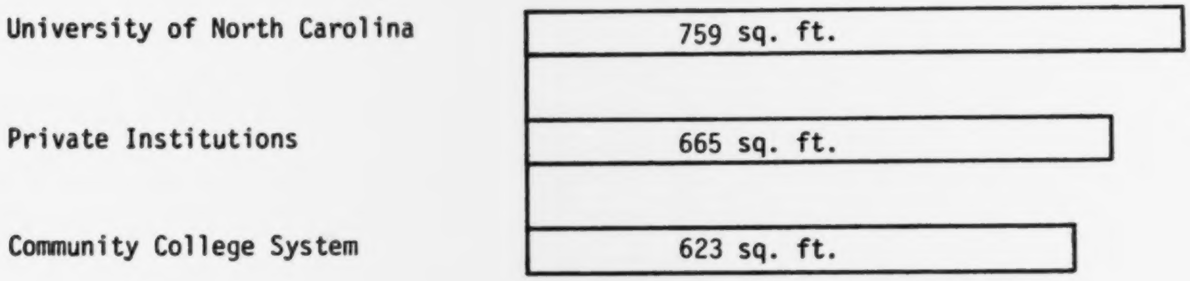
Number of Stations	ASF for Tables and Chairs	ASF for Armchair Desks Small	ASF for Armchair Desks Large
10 - 19	20 - 30	18	22
20 - 29	20 - 30	16	20
30 - 39	20 - 25	15	18
40 - 59	18 - 22	14	16
60 - 99	18 - 22	13	15
100 - 149	16 - 20	11	14
150 - 299	16 - 20	10	14
300 +	16 - 18	9	12

The average number of stations per classroom tends to vary according to the size and instructional philosophy of the institution. Graduate institutions and institutions which rely heavily on large lecture courses will generally have larger numbers of stations per classroom.

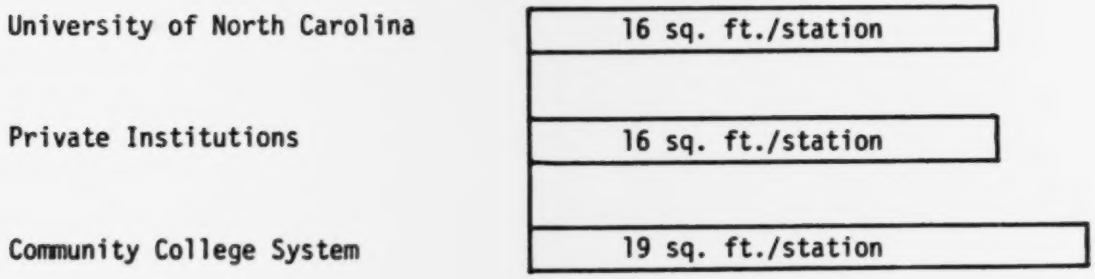
CLASSROOMS

BY CONTROL:

AVERAGE ROOM SIZE

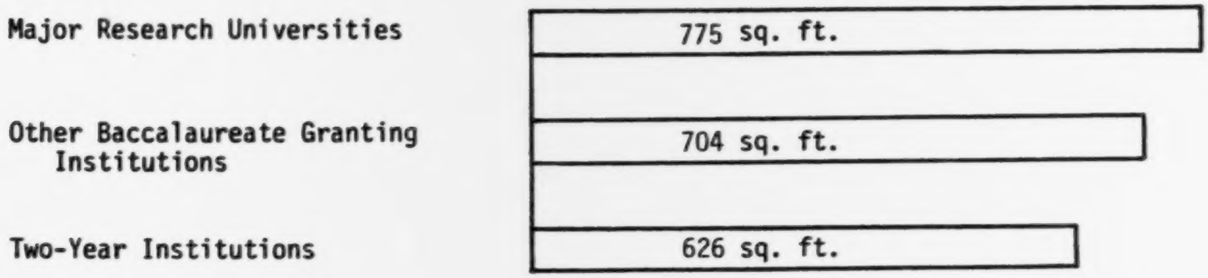


AVERAGE SQUARE FEET PER STATION

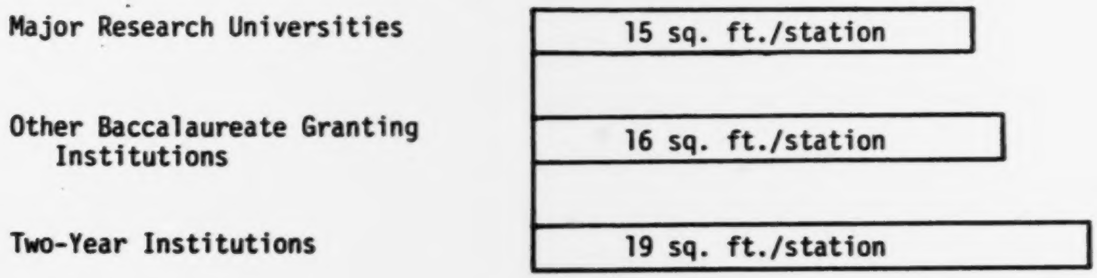


BY LEVEL:

AVERAGE ROOM SIZE



AVERAGE SQUARE FEET PER STATION



Assignable Square Feet Per Student Station For Classrooms

Table 16

INSTITUTION	No. of Rooms	No. of Student Stations	Average Stu/Sta Per Room	Total Assign. Sq. Ft.	Sq. Ft. Per Student Station				
					1985	1984	1983	1982	1981
Major Research Universities:									
NC State	258	14,298	55	204,468	14	15	15	15	15
NC State Vet.	6	436	73	7,318	17	17	16	-	-
UNC-Chapel Hill	248	13,801	56	205,558	15	15	15	15	15
UNC-Health Aff.	79	3,676	47	53,521	15	15	14	14	14
SUBTOTAL	591	32,211	55	470,865	15	15	15	15	15
Other Doctoral Universities:									
UNC-Greensboro	163	7,683	47	131,252	17	18	18	16	16
Comprehensive Universities:									
Appalachian	166	7,198	43	137,331	19	19	19	19	19
East Carolina	189	8,912	47	147,325	17	16	16	16	16
ECU-Health Aff.	45	1,974	44	32,595	17	17	17	14	14
Fayetteville	57	2,283	40	37,745	17	-	-	-	-
NC A & T	167	7,083	42	113,167	16	16	17	17	16
NC Central	153	6,454	42	106,906	17	16	16	16	16
UNC-Charlotte	118	6,512	55	88,422	14	13	13	13	13
UNC-Wilmington	67	3,453	52	49,861	14	-	-	-	-
West'n Carolina	116	4,885	42	89,804	18	19	20	20	19
SUBTOTAL	1,078	48,754	45	803,156	16	17	17	17	17
Gen. Baccalaureate Universities:									
Elizabeth City	47	2,136	45	32,593	15	16	16	16	15
Fayetteville	-	-	-	-	-	17	16	17	17
Pembroke	72	2,948	41	47,469	16	16	16	16	17
UNC-Asheville	44	1,786	41	30,810	17	17	17	15	16
UNC-Wilmington	-	-	-	-	-	15	15	15	14
Winston-Salem	79	3,889	49	63,002	16	16	16	16	16
SUBTOTAL	242	10,759	44	173,874	16	16	16	16	16

Assignable Square Feet Per Student Station For Classrooms

Table 16

INSTITUTION	No. of Rooms	No. of Student Stations	Average Stu/Sta Per Room	Total Assign. Sq. Ft.	Sq. Ft. Per Student Station				
					1985	1984	1983	1982	1981
Specialized Institution:									
NC Sch. of Arts	27	710	26	14,881	21	21	21	21	16
Teaching Hospital:									
NC Mem. Hosp.	-	-	-	-	-	-	-	-	-
Technical and Community Colleges:									
SUBTOTAL	1,955	63,095	32	1,218,913	19	19	19	19	19
PRIVATE INSTITUTIONS									
Major Research Universities:									
SUBTOTAL	311	15,597	50	228,499	15	15	15	15	15
Gen. Baccalaureate Colleges:									
SUBTOTAL	993	40,410	41	639,304	16	16	16	16	16
Junior Colleges:									
SUBTOTAL	165	6,131	37	108,629	18	18	18	18	18
GRAND TOTAL	5,525	225,350	41	3,789,373	17	17	17	17	17

Assignable Square Feet Per Student Station
For Classrooms

Table 16

INSTITUTION	No. of Rooms	No. of Student Stations	Average Stations Per Room	Total Assign. Sq. Ft.	Sq. Ft. Per Student Station				
					1985	1984	1983	1982	1981
Technical and Community Colleges:									
Anson TC	10	202	20	5,088	25	22	21	21	21
Ashev'le-Bun. TC	69	2,009	29	42,123	21	21	21	21	21
Beaufort Co. CC	31	933	30	19,543	21	19	20	20	22
Bladen TC	13	236	18	5,268	22	22	23	23	25
Blue Ridge TC	21	621	30	11,813	19	20	23	23	25
Brunswick TC	18	419	23	10,586	25	24	28	28	26
Caldwell CC & TI	24	726	30	15,553	21	22	21	20	21
Cape Fear TI	24	548	23	15,384	28	28	28	27	28
Carteret TC	35	945	27	18,231	19	19	19	20	19
Catawba Vy. TC	47	1,309	28	30,386	23	22	23	23	23
C. Carolina TC	25	772	31	16,133	21	21	21	22	23
C. Piedmont CC	127	5,209	41	80,053	15	16	16	16	16
Cleveland TC	34	1,046	31	19,836	19	19	19	21	21
Coastal Car. CC	38	1,106	29	22,611	20	20	20	21	21
Col. Albemarle	28	961	34	14,672	15	15	15	15	15
Craven CC	34	1,032	30	17,962	17	17	18	17	17
Davidson Co. CC	42	1,643	39	28,065	17	17	16	16	16
Durham TI	38	1,298	34	24,478	19	19	20	22	21
Edgecombe TC	39	956	25	21,254	22	23	24	24	24
Fayettev'le TI	73	2,824	39	51,452	18	18	19	19	19
Forsyth TC	80	2,507	31	54,277	22	19	19	20	20
Gaston Col.	54	2,030	38	37,180	18	18	17	17	19
Guilford TCC	110	3,515	32	67,104	19	18	18	18	17
Halifax CC	18	538	30	10,880	20	20	20	20	20
Haywood TC	22	713	32	14,142	20	19	19	20	20
Isothermal CC	35	1,064	30	21,370	20	20	20	20	20
J. Sprunt TC	20	560	28	10,878	19	19	20	21	21
Johnston TC	37	1,279	35	25,024	20	19	19	21	22
Lenoir CC	51	1,444	28	26,769	19	19	19	19	19
Martin CC	21	680	32	15,532	23	23	24	24	24

Assignable Square Feet Per Student Station For Classrooms

Table 16

INSTITUTION	No. of Rooms	No. of Student Stations	Average Stations Per Room	Total Assign. Sq. Ft.	Sq. Ft. Per Student Station				
					1985	1984	1983	1982	1981
Technical and Community Colleges:									
Mayland TC	11	333	30	6,235	19	19	19	19	19
McDowell TC	14	455	33	10,295	23	23	22	22	23
Mitchell CC	42	1,279	30	25,603	20	20	20	17	17
Montgomery TC	9	189	21	5,195	27	29	28	28	28
Nash TC	20	646	32	14,318	22	21	19	20	20
Pamlico TC	9	190	21	4,363	23	24	23	23	23
Piedmont TC	19	472	25	10,148	22	22	22	21	22
Pitt CC	37	1,311	35	25,110	19	19	19	19	19
Randolph TC	23	487	21	12,227	25	26	26	25	26
Richmond TC	23	710	31	14,007	20	20	18	18	18
Roanoke-Cho. TC	22	512	23	11,716	23	23	23	24	25
Robeson TC	23	675	29	14,792	22	22	22	22	22
Rockingham CC	31	1,201	39	22,368	19	19	19	19	19
Rowan TC	47	1,735	37	31,258	18	17	17	17	17
Sampson TC	18	546	30	9,519	17	18	18	20	20
Sandhills CC	35	1,264	36	22,190	18	18	17	17	17
Southeastern CC	32	1,181	37	21,630	18	18	18	19	19
Southwestern TC	24	825	34	15,167	18	17	17	18	28
Stanly TC	20	589	29	12,764	22	20	20	20	18
Surry CC	28	850	30	19,788	23	23	23	23	24
TC Alamance	34	1,307	38	20,641	16	16	16	16	16
Tri-County CC	17	460	27	11,225	24	22	23	23	21
Vance-Granv. CC	28	890	32	16,200	18	18	18	18	19
Wake TC	48	1,766	37	31,477	18	18	18	18	18
Wayne CC	49	1,607	33	27,390	17	17	17	17	17
W. Piedmont CC	20	671	34	13,799	21	17	18	18	18
Wilkes CC	32	1,092	34	21,430	20	20	20	20	20
Wilson Co. TC	22	727	33	14,411	20	19	19	19	21
TOTAL	1,955	63,095	32	1,218,913	19	19	19	19	19

TABLE 17:
ASSIGNABLE SQUARE FEET PER STUDENT STATION FOR CLASS LABORATORIES

The square footage per student station in class laboratories varies to a greater extent than in classrooms because of the widely differing space requirements of the various kinds of laboratories. An automotive lab, for example, usually requires much more space per station than a chemistry lab. In general, institutions which offer academic programs in such areas as agriculture, engineering, or medicine, or in vocational/technical programs such as automotive mechanics, textiles, and welding require more class lab space per station than do institutions which focus on liberal arts, business, and education. Moreover, graduate level laboratories usually require more space per station than undergraduate labs.

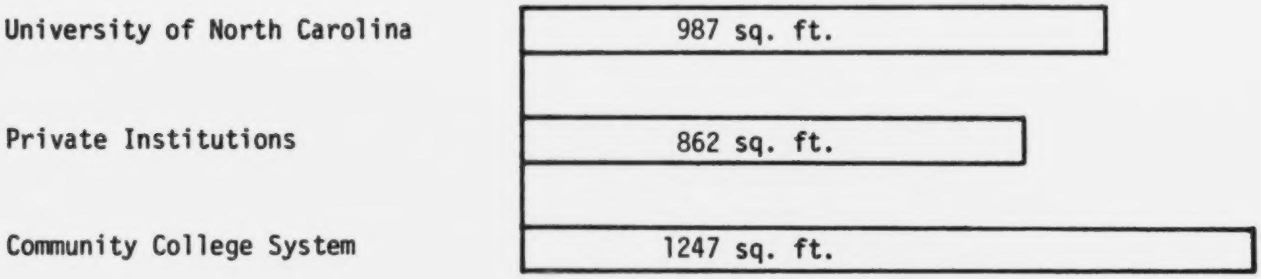
The *Higher Education Facilities Planning and Management Manuals* (pages 127-133 of Volume II) provide ranges for various types of class laboratories. Data for selected labs are provided below:

Discipline	Level	ASF	Discipline	ASF
Soil Science	Upper	40-50	Business Tech	25-40
Architecture	Upper	50-60	Data Proc Tech	50-80
Biology	Lower	30-40	Health Svc Tech	25-50
Business	All	20-30	Drafting	50-60
Education	All	25-35	Automotive	100-150
Fine Arts	All	30-50	Welding	80-120
Letters	All	15-25	Natural Sc Tech	35-60
Mathematics	All	20-30	Public Svc Tech	25-35

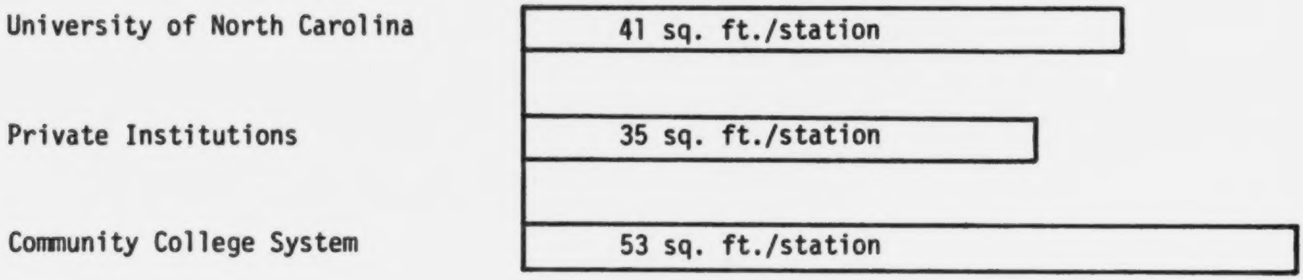
CLASS LABORATORIES

BY CONTROL:

AVERAGE ROOM SIZE

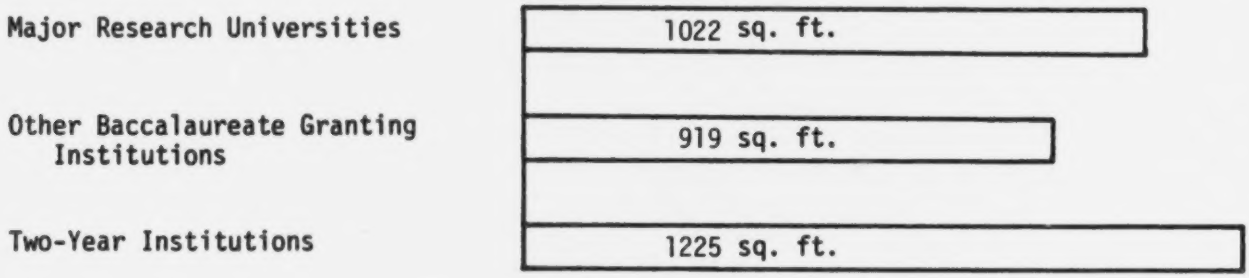


AVERAGE SQUARE FEET PER STUDENT STATION

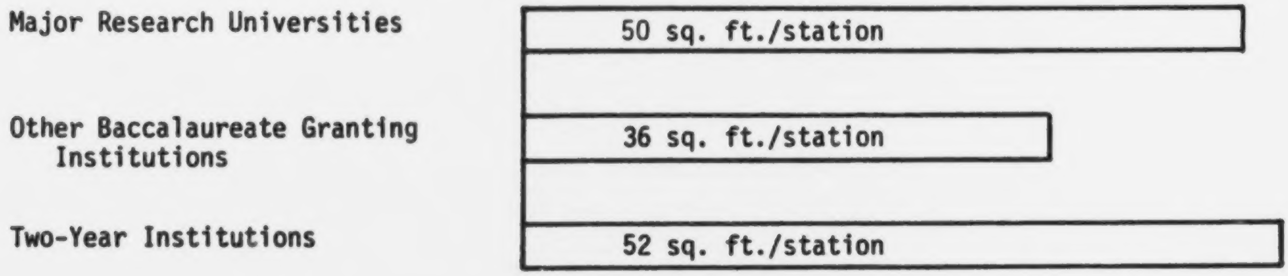


BY LEVEL:

AVERAGE ROOM SIZE



AVERAGE SQUARE FEET PER STUDENT STATION



Assignable Square Feet Per Student Station For Class Laboratories

Table 17

INSTITUTION	No. of Rooms	No. of Student Stations	Average Stu/Sta Per Room	Total Assign. Sq. Ft.	Sq. Ft. Per Student Station				
					1985	1984	1983	1982	1981
Major Research Universities:									
NC State	205	4,549	22	261,634	58	59	60	61	60
NC State Vet.	5	234	47	19,114	82	82	82	-	-
UNC-Chapel Hill	76	2,064	27	82,247	40	40	41	40	40
UNC-Health Aff.	115	1,894	16	85,883	45	37	36	37	38
SUBTOTAL	401	8,741	22	448,878	51	50	50	50	50
Other Doctoral Universities:									
UNC-Greensboro	83	2,318	28	90,261	39	38	34	31	32
Comprehensive Universities:									
Appalachian	59	1,726	29	54,955	32	32	32	33	35
East Carolina	134	2,976	22	126,581	43	43	42	44	47
ECU-Health Aff.	172	2,572	15	100,874	39	39	39	40	43
Fayetteville	36	1,234	34	32,664	26	-	-	-	-
NC A & T	114	3,505	31	109,996	31	34	35	35	33
NC Central	58	1,360	23	48,891	36	34	34	34	34
UNC-Charlotte	68	1,871	28	75,200	40	39	39	40	40
UNC-Wilmington	39	906	23	32,334	36	-	-	-	-
West'n Carolina	58	1,568	27	62,541	40	42	41	41	40
SUBTOTAL	738	17,718	24	644,036	36	38	38	38	39
Gen. Baccalaureate Universities:									
Elizabeth City	31	827	27	34,336	42	36	36	37	38
Fayetteville	-	-	-	-	-	26	27	28	28
Pembroke	24	731	30	19,573	27	27	27	27	28
UNC-Asheville	19	426	22	17,761	42	41	41	38	40
UNC-Wilmington	-	-	-	-	-	35	35	38	36
Winston-Salem	22	584	27	18,613	32	32	32	30	31
SUBTOTAL	96	2,568	27	90,283	35	32	32	33	33

Assignable Square Feet Per Student Station For Class Laboratories

Table 17

INSTITUTION	No. of Rooms	No. of Student Stations	Average Stu/Sta Per Room	Total Assign. Sq. Ft.	Sq. Ft. Per Student Station				
					1985	1984	1983	1982	1981
Specialized Institution:									
NC Sch. of Arts	46	1,270	28	72,770	57	57	62	63	45
Teaching Hospital:									
NC Mem. Hosp.	-	-	-	-	-	-	-	-	-
Technical and Community Colleges:									
SUBTOTAL	1,798	42,571	24	2,242,164	53	53	54	54	55
PRIVATE INSTITUTIONS									
Major Research Universities:									
SUBTOTAL	159	2,809	18	123,599	44	44	44	44	43
Gen. Baccalaureate Colleges:									
SUBTOTAL	480	13,037	27	428,084	33	33	33	33	32
Junior Colleges:									
SUBTOTAL	107	2,614	24	91,438	35	35	35	33	33
GRAND TOTAL	3,908	93,646	24	4,231,513	45	45	46	46	45

Assignable Square Feet Per Student Station For Class Laboratories

Table 17

INSTITUTION	No. of Rooms	No. of Student Stations	Average Stations Per Room	Total Assign. Sq. Ft.	Sq. Ft. Per Student Station				
					1985	1984	1983	1982	1981
Technical and Community Colleges:									
Anson TC	15	279	19	15,598	56	57	57	57	66
Ashev'le-Bun. TC	40	897	22	59,298	66	67	66	66	66
Beaufort Co. CC	22	504	23	31,536	63	65	66	69	70
Bladen TC	25	432	17	28,104	65	67	71	73	73
Blue Ridge TC	19	501	26	39,550	79	77	68	68	64
Brunswick TC	17	328	19	19,091	58	58	65	43	42
Caldwell CC & TI	29	624	22	38,142	61	61	61	57	61
Cape Fear TI	40	823	21	57,057	69	69	69	68	69
Carteret TC	23	544	24	28,463	52	56	56	57	59
Catawba Vy. TC	40	986	25	57,293	58	55	57	57	59
C. Carolina TC	29	676	23	36,061	53	50	49	48	49
C. Piedmont CC	83	2,693	32	120,123	45	45	46	47	51
Cleveland TC	44	1,022	23	43,199	42	43	43	40	42
Coastal Car. CC	34	801	24	49,434	62	62	62	58	52
Col. Albemarle	30	773	26	35,201	46	47	47	46	46
Craven CC	27	693	26	26,440	38	44	47	48	40
Davidson Co. CC	29	730	25	34,969	48	48	46	47	48
Durham TI	41	927	23	50,544	55	55	54	56	58
Edgecombe TC	26	535	21	30,194	56	58	61	65	65
Fayettev'le TI	50	1,224	24	57,953	47	46	49	50	52
Forsyth TC	56	1,319	24	81,104	61	70	71	74	74
Gaston Col.	49	1,196	24	66,426	56	56	50	49	52
Guilford TCC	89	1,946	22	110,004	57	58	59	60	57
Halifax CC	18	454	25	20,199	44	46	46	47	48
Haywood TC	53	1,171	22	64,027	55	55	59	62	62
Isothermal CC	33	741	22	36,818	50	52	55	55	54
J. Sprunt TC	21	462	22	31,672	69	68	70	73	72
Johnston TC	30	723	24	34,803	48	60	60	51	44
Lenoir CC	40	953	24	38,683	41	44	44	44	46
Martin CC	22	657	30	38,232	58	57	53	53	53

Assignable Square Feet Per Student Station For Class Laboratories

Table 17

INSTITUTION	No. of Rooms	No. of Student Stations	Average Stations Per Room	Total Assign. Sq. Ft.	Sq. Ft. Per Student Station				
					1985	1984	1983	1982	1981
Technical and Community Colleges:									
Mayland TC	11	290	26	12,392	43	39	40	40	42
McDowell TC	19	507	27	21,445	42	42	44	44	45
Mitchell CC	28	744	27	33,781	45	46	54	60	63
Montgomery TC	22	368	17	20,741	56	56	56	56	57
Nash TC	28	506	18	30,052	59	54	58	51	47
Pamlico TC	8	121	15	9,871	82	82	82	87	87
Piedmont TC	21	457	22	23,559	52	55	61	51	59
Pitt CC	30	794	26	39,101	49	49	51	55	55
Randolph TC	34	675	20	47,213	70	72	72	72	75
Richmond TC	22	503	23	33,932	67	67	67	67	67
Roanoke-Cho. TC	13	339	26	16,298	48	54	61	66	58
Robeson TC	32	775	24	39,397	51	52	53	53	53
Rockingham CC	26	633	24	39,921	63	63	60	59	61
Rowan TC	35	886	25	43,759	49	53	52	52	53
Sampson TC	18	427	24	20,945	49	50	51	59	50
Sandhills CC	34	949	28	39,824	42	42	42	40	42
Southeastern CC	30	741	25	31,780	43	41	41	41	43
Southwestern TC	31	700	23	26,404	38	37	37	38	48
Stanly TC	17	445	26	15,676	35	35	35	35	39
Surry CC	24	667	28	31,504	47	48	50	51	51
TC Alamance	32	766	24	34,361	45	40	40	40	39
Tri-County CC	20	383	19	31,588	82	82	80	80	87
Vance-Granv. CC	26	641	25	26,726	42	41	41	42	45
Wake TC	45	847	19	50,001	59	62	61	66	68
Wayne CC	43	1,078	25	49,211	46	46	46	46	46
W. Piedmont CC	24	530	22	23,728	45	36	40	41	42
Wilkes CC	25	537	21	28,485	53	53	55	54	55
Wilson Co. TC	26	648	25	40,251	62	67	66	67	56
TOTAL	1,798	42,571	24	2,242,164	53	53	54	54	55

HERMAN & LOUISE SMITH LIBRARY

Herman and Louise Smith Library, High Point College

The library is frequently referred to as the "heart" of an institution of higher education, and the Herman and Louise Smith Library at High Point College is no exception. Completed in 1984, the library makes its [illegible] collection available to both the college and the community, and offers access to [illegible] million books through an interlibrary loan network.

[illegible] square foot structure maintains the Georgian architectural style of High Point's campus while utilizing a modular design with movable inner walls to accommodate growth and flexibility. The library offers an excellent environment for study, research, and recreational reading; facilities in the four-story building include small group study rooms, classrooms, a language lab, public typewriters, office space, seminar rooms, and an audiovisual area.

The Smith Library opened in the spring of 1984 after a human chain composed of 800 volunteers transferred [illegible] books, in correct order, in just one day.

Building Characteristics

Ownership of Buildings 139
Capital Investment in Buildings 142
Age of Buildings 152
Condition of Buildings 156
Estimated Cost to Renovate or Replace Buildings 161

TABLE 18:
OWNERSHIP OF BUILDINGS

Many campus buildings are not owned by the institutions which use them. This table provides data on the ownership status of institutional facilities. The gross square footage of each institution has been classified under eight ownership categories:

1 Owned in fee simple.

2 Title vested in the institution and being paid for on an amortization schedule.

3 Title vested in a holding company or building corporation to which payments are being made by the institution and which will ultimately convey title to the institution. (Includes lease-purchase arrangement.)

4 Not owned by the institution, but leased or rented to the institution at a typical local rate.

5 Not owned by the institution, but made available to the institution either at no cost or at a nominal rate.

6 Not owned by the institution, but shared with an educational organization that is not a postsecondary institution.

7 Not owned by the institution, but shared with another postsecondary educational institution.

8 Other (e.g., not owned by the institution, but shared with a non-educational institution).

Ownership for institutions of The University of North Carolina represents ownership by the State of North Carolina. Ownership of community and technical colleges represents ownership by local trustees and reflects expenditures primarily from local fund sources which are supplemented by state and federal funds. Ownership of the private institutions resides with the institutions' trustees.

The sum of the percentages for each institution should in theory add to exactly 100.0, but in some cases they do not because of rounding.

Ownership of Buildings

Table 18

INSTITUTION	Owned		Institution Amortization		Holding Co. Amortization		Leased or Rented		Nominal Rate		* Total Gross Sq. Ft.
	Gross Sq. Ft. 1	%	Gross Sq. Ft. 2	%	Gross Sq. Ft. 3	%	Gross Sq. Ft. 4	%	Gross Sq. Ft. 5	%	
Major Research Universities:											
NC State	4,458,791	70.2	1,894,535	29.8	-	-	-	-	-	-	6,353,326
NC State Vet.	372,607	100.0	-	-	-	-	-	-	-	-	372,607
UNC-Chapel Hill	6,133,758	98.9	51,246	0.8	-	-	14,005	0.2	-	-	6,200,260
UNC-Health Aff.	1,817,678	70.7	-	-	101,246	3.9	650,569	25.3	2,002	0.1	2,571,495
SUBTOTAL	12,782,834	82.5	1,945,781	12.6	101,246	0.7	664,574	4.3	2,002	0.1-	15,497,688
Other Doctoral Universities:											
UNC-Greensboro	2,570,759	99.9	-	-	-	-	1,711	0.1	-	-	2,572,470
Comprehensive Universities:											
Appalachian	1,567,105	59.4	1,058,896	40.1	-	-	-	-	14,400	0.5	2,640,401
East Carolina	1,916,210	72.0	746,469	28.0	-	-	-	-	-	-	2,662,679
ECU-Health Aff.	644,848	100.0	-	-	-	-	-	-	-	-	644,848
Fayetteville	669,493	88.9	83,610	11.1	-	-	-	-	-	-	753,103
NC A & T	1,928,876	100.0	-	-	-	-	-	-	-	-	1,928,876
NC Central	1,551,131	100.0	-	-	-	-	-	-	-	-	1,551,131
UNC-Charlotte	1,284,932	62.8	760,925	37.2	-	-	-	-	-	-	2,045,857
UNC-Wilmington	640,951	62.2	389,271	37.8	-	-	-	-	-	-	1,030,222
West'n Carolina	1,168,350	57.6	860,946	42.4	-	-	-	-	-	-	2,029,296
SUBTOTAL	11,371,896	74.4	3,900,117	25.5	-	-	-	-	14,400	0.1	15,286,413
Gen. Baccalaureate Universities:											
Elizabeth City	554,503	79.6	135,876	19.5	-	-	5,968	0.9	-	-	696,347
Pembroke	631,681	100.0	-	-	-	-	-	-	-	-	631,681
UNC-Asheville	414,748	82.6	87,160	17.4	-	-	-	-	-	-	501,908
Winston-Salem	719,906	85.0	127,536	15.0	-	-	-	-	-	-	847,442
SUBTOTAL	2,320,838	86.7	350,572	13.1	-	-	5,968	0.2	-	-	2,677,378
Specialized Institution:											
NC Sch. of Arts	437,833	94.3	-	-	-	-	-	-	26,399	5.7	464,232
Teaching Hospital:											
NC Mem. Hosp.	890,707	89.0	-	-	-	-	38,200	3.8	-	-	1,000,909
Technical and Community Colleges:											
SUBTOTAL	9,449,272	94.4	756	0.1-	20,325	0.2	215,846	2.2	272,795	2.7	10,012,927
PRIVATE INSTITUTIONS											
Major Research Universities:											
SUBTOTAL	11,475,987	98.7	136,029	1.2	-	-	12,939	0.1	-	-	11,624,955
Gen. Baccalaureate Colleges:											
SUBTOTAL	12,573,057	88.5	1,427,159	10.0	126,552	0.9	49,370	0.3	25,947	0.2	14,202,085
Junior Colleges:											
SUBTOTAL	1,988,455	80.1	428,765	17.3	4,120	0.2	1,298	0.1	59,560	2.4	2,482,198
GRAND TOTAL	65,861,638	86.9	8,189,179	10.8	252,243	0.3	989,906	1.3	401,103	0.5	75,821,255

*Three categories of ownership are omitted from the table because of their limited applicability. The data are included in appropriate totals. Details on next page.

Ownership of Buildings

Table 18

INSTITUTION	Owned Gross Sq. Ft. 1	Owned %	Institution Amortization Gross Sq. Ft. 2	Institution Amortization %	Holding Co. Amortization Gross Sq. Ft. 3	Holding Co. Amortization %	Leased or Rented Gross Sq. Ft. 4	Leased or Rented %	Nominal Rate Gross Sq. Ft. 5	Nominal Rate %	* Total Gross Sq. Ft.
Technical and Community Colleges:											
Anson TC	29,950	48.8	-	-	-	-	-	-	31,381	51.2	61,331
Ashev'le-Bun. TC	274,749	100.0	-	-	-	-	-	-	-	-	274,749
Beaufort Co. CC	121,926	100.0	-	-	-	-	-	-	-	-	121,926
Bladen TC	86,195	100.0	-	-	-	-	-	-	-	-	86,195
Blue Ridge TC	112,652	100.0	-	-	-	-	-	-	-	-	112,652
Brunswick TC	63,185	89.5	-	-	-	-	-	-	7,395	10.5	70,580
Caldwell CC & TI	162,374	100.0	-	-	-	-	-	-	-	-	162,374
Cape Fear TI	200,548	93.1	-	-	-	-	-	-	14,840	6.9	215,388
Carteret TC	147,465	100.0	-	-	-	-	-	-	-	-	147,465
Catawba Vy. TC	211,260	97.9	-	-	-	-	-	-	4,600	2.1	215,860
C. Carolina TC	130,362	100.0	-	-	-	-	-	-	-	-	130,362
C. Piedmont TC	1,018,206	99.1	-	-	9,312	0.9	-	-	-	-	1,027,518
Cleveland TC	157,115	100.0	-	-	-	-	-	-	-	-	157,115
Coastal Car. CC	202,547	100.0	-	-	-	-	-	-	-	-	202,547
Col. Albemarle	121,780	93.1	-	-	-	-	-	-	9,034	6.9	130,814
Craven CC	105,923	84.4	-	-	-	-	19,535	15.6	-	-	125,458
Davidson Co. CC	208,596	100.0	-	-	-	-	-	-	-	-	208,596
Durham TI	163,102	90.8	-	-	-	-	16,530	9.2	-	-	179,632
Edgecombe TC	124,976	97.8	756	0.6	-	-	-	-	2,064	1.6	127,796
Fayettev'le TI	309,734	100.0	-	-	-	-	-	-	-	-	309,734
Forsyth TC	336,300	87.6	-	-	-	-	-	-	-	-	383,785
Gaston Col.	276,234	100.0	-	-	-	-	-	-	-	-	276,234
Guilford TCC	426,200	79.4	-	-	-	-	110,543	20.6	-	-	536,743
Halifax CC	82,327	100.0	-	-	-	-	-	-	-	-	82,327
Haywood TC	179,905	90.2	-	-	-	-	-	-	19,512	9.8	199,417
Isothermal CC	168,098	96.3	-	-	-	-	-	-	-	-	174,546
J. Sprunt TC	102,259	98.8	-	-	-	-	-	-	1,200	1.2	103,459
Johnston TC	111,992	75.3	-	-	-	-	-		36,799	24.7	148,791
Lenoir CC	176,896	95.1	-	-	-	-	-	-	9,024	4.9	185,920
Martin CC	145,545	99.5	-	-	720	0.5	-	-	-	-	146,265
Mayland TC	48,859	92.0	-	-	-	-	-	-	4,220	8.0	53,079
McDowell TC	64,696	100.0	-	-	-	-	-	-	-	-	64,696
Mitchell CC	190,167	100.0	-	-	-	-	-	-	-	-	190,167
Montgomery TC	64,090	100.0	-	-	-	-	-	-	-	-	64,090
Nash TC	73,359	72.1	-	-	-	-	-	-	28,433	27.9	101,792
Pamlico TC	40,198	100.0	-	-	-	-	-	-	-	-	40,198
Piedmont TC	96,884	100.0	-	-	-	-	-	-	-	-	96,884
Pitt CC	123,037	83.7	-	-	-	-	21,974	14.9	2,040	1.4	147,051
Randolph TC	152,783	100.0	-	-	-	-	-	-	-	-	152,783
Richmond TC	110,444	97.6	-	-	-	-	-	-	2,680	2.4	113,124
Roanoke-Cho. TC	77,354	83.3	-	-	9,633	10.4	5,926	6.4	-	-	92,913
Robeson TC	81,111	69.5	-	-	-	-	-	-	35,640	30.5	116,751
Rockingham CC	211,521	100.0	-	-	-	-	-	-	-	-	211,521
Rowan TC	179,450	93.9	-	-	-	-	-	-	11,732	6.1	191,182
Sampson TC	61,166	81.9	-	-	-	-	1,440	1.9	12,055	16.1	74,661
Sandhills CC	197,304	99.4	-	-	-	-	-	-	1,280	0.6	198,584
Southeastern CC	145,189	97.0	-	-	-	-	4,548	3.0	-	-	149,737
Southwestern TC	104,565	100.0	-	-	-	-	-	-	-	-	104,565
Stanly TC	57,772	76.4	-	-	-	-	14,131	18.7	3,696	4.9	75,599
Surry CC	166,706	100.0	-	-	-	-	-	-	-	-	166,706
TC Alamance	156,855	100.0	-	-	-	-	-	-	-	-	156,855
Tri-County CC	78,762	100.0	-	-	-	-	-	-	-	-	78,762
Vance-Granv. CC	130,779	93.4	-	-	-	-	9,170	6.6	-	-	139,949
Wake TC	222,974	86.4	-	-	-	-	-	-	35,170	13.6	258,144
Wayne CC	153,219	92.3	-	-	660	0.4	12,049	7.3	-	-	165,928
W. Piedmont CC	149,169	100.0	-	-	-	-	-	-	-	-	149,169
Wilkes CC	200,213	100.0	-	-	-	-	-	-	-	-	200,213
Wilson Co. TC	152,245	100.0	-	-	-	-	-	-	-	-	152,245
TOTAL	9,449,272	94.4	756	0.1-	20,325	0.2	215,846	2.2	272,795	2.7	10,012,927

Category 6: None
Category 7: Forsyth Technical College 47,485 12.4% Memorial Hospital 72,002 7.2%
Category 8: Isothermal Community College 6,448 3.7% UNC at Chapel Hill 1,251 0.1-%

TABLES 19 & 20:
CAPITAL INVESTMENT IN BUILDINGS

Building cost, as used here, refers to the institution's initial capital investment in a building. For a facility which is built by the institution, the building cost is the cost of construction of the structure and its fixed equipment. For buildings which are purchased, the acquisition cost is applicable.

The replacement value of a building, on the other hand, represents the estimated cost of constructing a new facility containing an equal amount of space which is designed for the same use as the original building and which meets all of the current commonly-accepted standards of construction. For institutional buildings which were in existence prior to 1972, the replacement value was first estimated as of 1972 using construction cost data. Since then, it has been increased each year using factors obtained annually from construction cost publications. For buildings constructed since 1972, the building cost is the base upon which these replacement value factors are applied.

From 1972-83, the replacement value factors were derived from building cost data reported for the Atlanta region in the Engineering News Record. Beginning in 1984, the Dodge Building Cost Indexes for U. S. and Canadian Cities, which is published by McGraw-Hill Cost Information Systems, was used to determine the replacement value factors. The factors calculated from the Dodge publication were derived by computing an average of the construction cost increases reported for Charlotte, Fayetteville, Greensboro, Raleigh, Wilmington, and Winston-Salem. For each city, a construction cost index was reported for March and September of each year since 1977. The following table summarizes selected data for these cities:

City	Sept 1984	Sept 1985	% Change 1977-85	% Change 1984-85
Charlotte	1609.1	1644.9	64.5	2.2
Fayetteville	1409.3	1440.2	44.0	2.2
Greensboro	2054.5	2104.1	110.4	2.4
Raleigh	1810.7	1853.5	85.4	2.4
Wilmington	1488.7	1521.9	52.2	2.2
Winston-Salem	1948.4	1992.7	99.3	2.3

In addition, the Dodge publication calculates indexes which enable construction cost comparisons to be made between cities. For such comparisons, an index of 100 represents the average construction costs of the following twenty cities:

Atlanta
Baltimore
Birmingham
Boston
Chicago
Cincinnati
Cleveland
Dallas
Denver
Detroit
Kansas City
Los Angeles
Minneapolis
New Orleans
New York
Philadelphia
Pittsburgh
St. Louis
San Francisco
Seattle

If a city has an index that is less than 100, then its construction costs are generally lower than the average for the twenty cities; if it is greater than 100, the costs are greater than the average. The following list reports the Dodge comparison indexes for the six North Carolina cities as of September 1985:

Charlotte	80.5
Fayetteville	70.1
Greensboro	73.9
Raleigh	72.3
Wilmington	74.8
Winston-Salem	78.1

The following are the factors which have been used to increase the estimated replacement values each year. They reflect the increases in construction costs which have occurred since 1972.

Year	Annual Increase	Year	Annual Increase	Year	Annual Increase
1972	8.6%	1977	6.8%	1982	5.0%
1973	6.7%	1978	6.8%	1983	7.2%
1974	5.2%	1979	11.3%	1984	3.1%
1975	8.0%	1980	3.9%	1985	2.3%
1976	11.3%	1981	9.3%		

Because building cost represents an institution's capital investment in a facility, only buildings which are owned by an institution (i.e., those falling under ownership categories 1-3 on page 139) are included in calculating total cost. Replacement value, on the other hand, is a reflection of all buildings on an institution's campus, regardless of their ownership status.

The data are categorized as non-residential (Table 19) and residential (Table 20). Buildings with twenty percent or more of their space in each category are considered combination buildings and appear in both tables. The tables accurately reflect the number of buildings with non-residential space and the number with residential space, but the sum will exceed the total number of buildings on the campuses which have combination buildings. Other data are distributed between the two tables on the basis of the ratio of the assignable square feet in the category to the total assignable square feet in the building. Thus, campus totals may be determined accurately by summing the appropriate data in the two tables, with the exception noted.

Capital Investment, Non-Residential Buildings

Table 19

INSTITUTION	No. of Bldgs.	Building Cost	Replacement Value	Gross Sq. Ft. On Campus
Major Research Universities:				
NC State	101	$ 87,163,240	$ 292,782,114	4,688,858
NC State Vet.	12	23,846,176	29,276,029	372,607
UNC-Chapel Hill	156	104,389,859	462,048,417	4,422,525
UNC-Health Aff.	100	84,489,607	302,937,319	2,571,495
SUBTOTAL	369	299,888,882	1,087,043,879	12,055,485
Other Doctoral Universities:				
UNC-Greensboro	46	39,450,915	109,166,669	1,754,417
Comprehensive Universities:				
Appalachian	52	47,137,300	116,069,828	1,679,917
East Carolina	58	32,799,597	98,375,464	1,607,801
ECU-Health Aff.	16	38,517,647	50,630,471	644,848
Fayetteville	31	14,677,298	32,705,349	503,649
NC A & T	77	33,939,889	86,748,506	1,383,511
NC Central	43	34,480,555	71,947,586	1,085,144
UNC-Charlotte	32	50,570,700	108,426,809	1,347,556
UNC-Wilmington	33	23,321,805	52,629,152	746,701
West'n Carolina	40	29,778,025	83,517,466	1,280,730
SUBTOTAL	382	305,222,816	701,050,631	10,279,857
Gen. Baccalaureate Universities:				
Elizabeth City	32	12,568,387	31,394,444	451,875
Pembroke	24	12,081,794	30,134,549	461,504
UNC-Asheville	14	10,857,234	22,169,202	380,710
Winston-Salem	21	20,165,447	41,747,825	632,415
SUBTOTAL	91	55,672,862	125,446,020	1,926,504

Capital Investment,
Non-Residential Buildings

Table 19

INSTITUTION	No. of Bldgs.	Building Cost	Replacement Value	Gross Sq. Ft. On Campus
Specialized Institution:				
NC Sch. of Arts	13	$ 6,987,000	$ 22,037,385	350,240
Teaching Hospital:				
NC Mem. Hosp.	23	42,305,804	128,647,589	1,000,909
Technical and Community Colleges:				
SUBTOTAL	746	243,033,623	586,079,014	9,999,730
		PRIVATE INSTITUTIONS		
Major Research Universities:				
SUBTOTAL	254	348,343,511	758,532,103	9,284,428
Gen. Baccalaureate Colleges:				
SUBTOTAL	609	167,473,506	565,102,816	8,702,731
Junior Colleges:				
SUBTOTAL	106	24,170,301	87,470,590	1,426,365
GRAND TOTAL	2,639	$1,532,549,220	$4,170,576,696	56,780,666

Capital Investment, Non-Residential Buildings

Table 19

INSTITUTION	No. of Bldgs.	Building Cost	Replacement Value	Gross Sq. Ft. On Campus
Technical and Community Colleges:				
Anson TC	10	$ 1,150,000	$ 3,773,004	61,331
Ashev'le-Bun. TC	17	6,603,779	16,632,710	274,749
Beaufort Co. CC	9	3,651,184	6,694,834	121,926
Bladen TC	13	1,877,818	4,592,071	86,195
Blue Ridge TC	9	3,148,436	6,415,235	112,652
Brunswick TC	20	1,176,355	2,976,211	70,580
Caldwell CC & TI	7	4,497,584	10,816,672	162,374
Cape Fear TI	6	5,138,014	16,164,372	215,388
Carteret TC	13	4,936,352	10,251,437	147,465
Catawba Vy. TC	14	5,764,052	14,732,367	215,860
C. Carolina TC	12	3,182,572	8,484,037	130,362
C. Piedmont CC	25	16,707,129	45,003,835	1,027,518
Cleveland TC	12	5,885,421	9,627,582	157,115
Coastal Car. CC	10	8,820,462	14,051,431	202,547
Col. Albemarle	8	4,120,940	7,348,482	130,814
Craven CC	9	3,316,684	7,445,915	125,458
Davidson Co. CC	9	5,722,765	12,577,285	208,596
Durham TI	12	3,576,311	9,513,919	179,632
Edgecombe TC	11	1,698,300	7,080,844	127,796
Fayettev'le TI	21	6,959,389	17,934,482	309,734
Forsyth TC	16	8,962,924	25,043,177	383,785
Gaston Col.	12	8,012,969	17,533,811	276,234
Guilford TCC	24	10,623,288	34,139,440	530,534
Halifax CC	9	2,229,714	3,800,562	82,327
Haywood TC	28	2,757,427	7,994,558	199,417
Isothermal CC	13	4,854,512	9,732,281	174,546
J. Sprunt TC	10	2,283,325	5,535,682	103,459
Johnston TC	11	3,990,650	8,558,618	147,820
Lenoir CC	11	4,445,691	10,901,751	185,920
Martin CC	9	2,784,000	6,936,396	146,265

Capital Investment, Non-Residential Buildings

Table 19

INSTITUTION	No. of Bldgs.	Building Cost	Replacement Value	Gross Sq. Ft. On Campus
Technical and Community Colleges:				
Mayland TC	5	$ 2,213,150	$ 3,524,072	53,079
McDowell TC	8	1,747,640	4,644,001	64,696
Mitchell CC	19	3,440,528	10,283,995	190,167
Montgomery TC	1	2,030,246	3,263,642	64,090
Nash TC	8	2,285,550	5,937,742	101,792
Pamlico TC	4	1,528,200	3,238,577	40,198
Piedmont TC	10	3,855,993	6,298,403	96,884
Pitt CC	27	2,415,173	8,609,525	147,051
Randolph TC	13	4,729,019	8,570,681	152,783
Richmond TC	9	2,238,500	6,929,471	113,124
Roanoke-Cho. TC	8	2,881,094	6,379,523	92,913
Robeson TC	24	2,342,000	7,648,185	116,751
Rockingham CC	10	5,089,427	12,702,301	211,521
Rowan TC	11	3,622,700	11,208,423	191,182
Sampson TC	11	1,721,770	4,259,642	74,661
Sandhills CC	23	3,986,581	10,557,574	193,239
Southeastern CC	12	3,169,000	8,604,940	149,737
Southwestern TC	6	2,763,960	5,540,992	104,565
Stanly TC	8	1,986,000	4,706,923	75,599
Surry CC	10	4,465,385	9,563,549	166,706
TC Alamance	5	6,190,744	12,624,722	156,183
Tri-County CC	14	1,932,825	4,479,900	78,762
Vance-Granv. CC	7	5,323,000	10,390,387	139,949
Wake TC	22	6,546,007	14,949,234	258,144
Wayne CC	43	2,648,641	8,350,320	165,928
W. Piedmont CC	13	3,910,241	9,496,230	149,169
Wilkes CC	15	5,566,467	11,062,620	200,213
Wilson Co. TC	10	3,525,735	9,960,439	152,245
TOTAL	746	$243,033,623	$586,079,014	9,999,730

Capital Investment, Residential Buildings

Table 20

INSTITUTION	No. of Bldgs.	Building Cost	Replacement Value	Gross Sq. Ft. On Campus
Major Research Universities:				
NC State	34	$ 25,035,606	$ 96,480,007	1,664,468
NC State Vet.	-	-	-	-
UNC-Chapel Hill	39	19,886,940	153,301,996	1,777,735
UNC-Health Aff.	-	-	-	-
SUBTOTAL	73	44,922,546	249,782,003	3,442,203
Other Doctoral Universities:				
UNC-Greensboro	22	11,217,000	49,667,336	818,053
Comprehensive Universities:				
Appalachian	39	17,811,000	56,502,304	960,484
East Carolina	17	14,458,000	63,947,771	1,054,878
ECU-Health Aff.	-	-	-	-
Fayetteville	9	3,638,000	14,890,471	249,454
NC A & T	16	5,842,000	33,018,316	545,365
NC Central	14	5,233,520	27,810,144	465,987
UNC-Charlotte	9	17,604,223	40,389,793	698,301
UNC-Wilmington	18	9,048,884	17,643,768	283,521
West'n Carolina	19	11,450,820	42,706,977	748,566
SUBTOTAL	141	85,086,447	296,909,544	5,006,556
Gen. Baccalaureate Universities:				
Elizabeth City	26	3,941,204	14,138,908	244,472
Pembroke	7	2,633,000	10,142,993	170,177
UNC-Asheville	10	4,182,363	7,080,873	121,198
Winston-Salem	8	3,603,000	12,765,946	215,027
SUBTOTAL	51	14,359,567	44,128,720	750,874

Capital Investment, Residential Buildings

Table 20

INSTITUTION	No. of Bldgs.	Building Cost	Replacement Value	Gross Sq. Ft. On Campus
Specialized Institution:				
NC Sch. of Arts	9	$ 2,512,000	$ 6,940,700	113,992
Teaching Hospital:				
NC Mem. Hosp.	-	-	-	-
Technical and Community Colleges:				
SUBTOTAL	5	158,932	845,520	13,197
		PRIVATE INSTITUTIONS		
Major Research Universities:				
SUBTOTAL	114	39,529,877	134,291,622	2,340,527
Gen. Baccalaureate Colleges:				
SUBTOTAL	518	82,286,064	326,001,094	5,499,354
Junior Colleges:				
SUBTOTAL	109	13,376,550	66,614,369	1,055,833
GRAND TOTAL	1,042	$293,448,983	$1,175,180,908	19,040,589

Capital Investment,
Residential Buildings

Table 20

INSTITUTION	No. of Bldgs.	Building Cost	Replacement Value	Gross Sq. Ft. On Campus
Technical and Community Colleges:				
Anson TC	-	$ -	$ -	-
Ashev'le-Bun. TC	-	-	-	-
Beaufort Co. CC	-	-	-	-
Bladen TC	-	-	-	-
Blue Ridge TC	-	-	-	-
Brunswick TC	-	-	-	-
Caldwell CC & TI	-	-	-	-
Cape Fear TI	-	-	-	-
Carteret TC	-	-	-	-
Catawba Vy. TC	-	-	-	-
C. Carolina TC	-	-	-	-
C. Piedmont CC	-	-	-	-
Cleveland TC	-	-	-	-
Coastal Car. CC	-	-	-	-
Col. Albemarle	-	-	-	-
Craven CC	-	-	-	-
Davidson Co. CC	-	-	-	-
Durham TI	-	-	-	-
Edgecombe TC	-	-	-	-
Fayettev'le TI	-	-	-	-
Forsyth TC	-	-	-	-
Gaston Col.	-	-	-	-
Guilford TCC	2	102,932	359,200	6,209
Halifax CC	-	-	-	- -
Haywood TC	-	-	-	-
Isothermal CC	-	-	-	-
J. Sprunt TC	-	-	-	-
Johnston TC	1	-	49,906	971
Lenoir CC	-	-	-	-
Martin CC	-	-	-	-

Capital Investment, Residential Buildings

Table 20

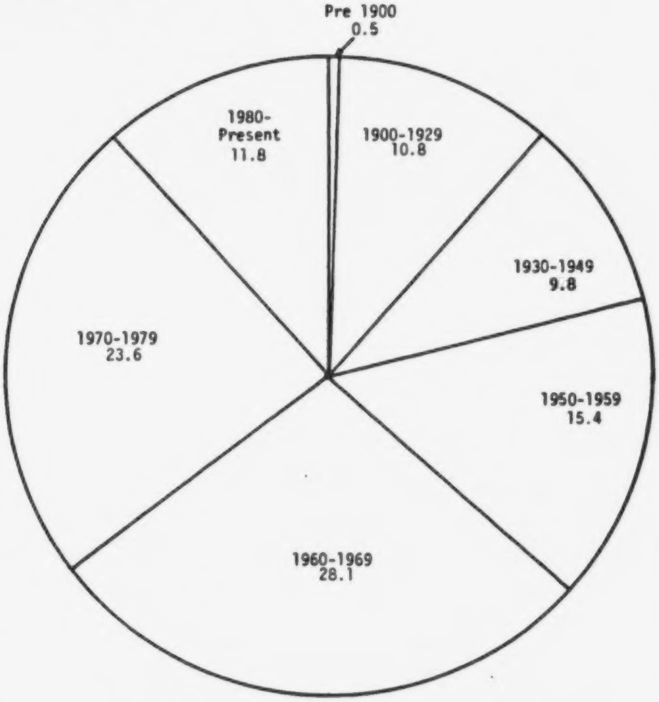
INSTITUTION	No. of Bldgs.	Building Cost	Replacement Value	Gross Sq. Ft. On Campus
Technical and Community Colleges:				
Mayland TC	-	$ -	$ -	-
McDowell TC	-	-	-	-
Mitchell CC	-	-	-	-
Montgomery TC	-	-	-	-
Nash TC	-	-	-	-
Pamlico TC	-	-	-	-
Piedmont TC	-	-	-	-
Pitt CC	-	-	-	-
Randolph TC	-	-	-	-
Richmond TC	-	-	-	-
Roanoke-Cho. TC	-	-	-	-
Robeson TC	-	-	-	-
Rockingham CC	-	-	-	-
Rowan TC	-	-	-	-
Sampson TC	-	-	-	-
Sandhills CC	1	52,000	427,933	5,345
Southeastern CC	-	-	-	-
Southwestern TC	-	-	-	-
Stanly TC	-	-	-	-
Surry CC	-	-	-	-
TC Alamance	1	4,000	8,481	672
Tri-County CC	-	-	-	-
Vance-Granv. CC	-	-	-	-
Wake TC	-	-	-	-
Wayne CC	-	-	-	-
W. Piedmont CC	-	-	-	-
Wilkes CC	-	-	-	-
Wilson Co. TC	-	-	-	-
TOTAL	5	$158,932	$845,520	13,197

TABLE 21:
AGE OF BUILDINGS

This table reports the total gross square footage of North Carolina colleges and universities by year of construction categories. For purposes of this study, the year of construction is defined as the year that the building was completed regardless of any later year of occupancy.

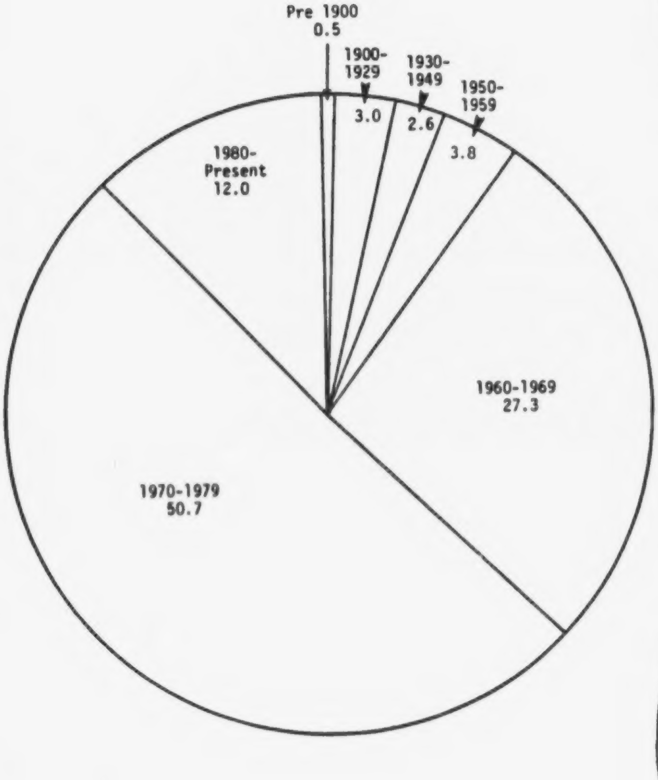
Although this table gives some indication of how new an institution's facilities are, it does not take into account renovations. The data in this table should, therefore, be considered in conjunction with Table 22 (Condition of Buildings) and Table 23 (Estimated Cost to Renovate or Replace Unsatisfactory Facilities).

PERCENTAGE DISTRIBUTION OF GROSS AREA BY AGE OF BUILDINGS

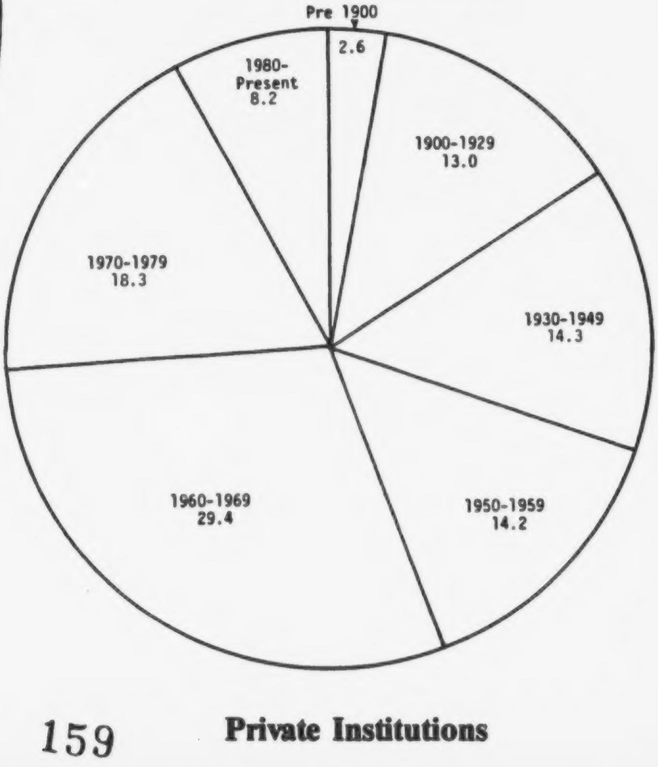


The University of North Carolina

ALL PUBLIC BACCALAUREATE-GRANTING INSTITUTIONS
AND N.C. MEMORIAL HOSPITAL



Technical and Community Colleges



Private Institutions

Age of Buildings

Table 21

INSTITUTION	Total Square Feet	Pre-1900	1900-1929	1930-1949	1950-1959	1960-1969	1970-1979	1980-Present
Major Research Universities:								
NC State	6,353,326	44,407	835,001	1,012,013	1,440,187	1,523,185	1,168,730	329,803
NC State Vet.	372,607	-	-	28,559	3,979	1,242	-	338,827
UNC-Chapel Hill	6,200,260	123,808	1,530,498	824,057	551,760	1,858,299	541,953	769,885
UNC-Health Aff.	2,571,495	-	1,200	152,827	278,218	575,554	1,472,759	90,937
SUBTOTAL	15,497,688	168,215	2,366,699	2,017,456	2,274,144	3,958,280	3,183,442	1,529,452
Other Doctoral Universities:								
UNC-Greensboro	2,572,470	31,100	770,031	236,688	387,483	480,899	610,444	55,825
Comprehensive Universities:								
Appalachian	2,640,401	-	82,577	223,881	380,942	1,070,582	635,857	246,562
East Carolina	2,662,679	-	318,406	162,153	490,753	1,188,376	493,391	9,600
ECU-Health Aff.	644,848	-	-	11,744	-	31,788	100,481	500,835
Fayetteville	753,103	-	31,659	132,008	70,410	210,110	175,211	133,705
NC A & T	1,928,876	-	101,482	142,375	793,536	334,286	293,784	263,413
NC Central	1,551,131	-	36,379	225,213	469,874	332,330	174,475	312,860
UNC-Charlotte	2,045,857	-	-	-	-	569,503	1,026,471	449,883
UNC-Wilmington	1,030,222	-	9,000	12,250	-	304,843	494,312	209,817
West'n Carolina	2,029,296	-	57,682	182,379	331,967	700,927	575,861	180,480
SUBTOTAL	15,286,413	-	637,185	1,092,003	2,537,482	4,742,745	3,969,843	2,307,155
Gen. Baccalaureate Universities:								
Elizabeth City	696,347	-	89,399	57,955	108,886	159,125	148,883	132,099
Pembroke	631,681	-	-	34,109	33,483	251,171	312,213	705
UNC-Asheville	501,908	-	6,029	-	-	299,360	96,283	100,236
Winston-Salem	847,442	-	97,672	73,914	59,750	258,213	277,422	80,471
SUBTOTAL	2,677,378	-	193,100	165,978	202,119	967,869	834,801	313,511
Specialized Institution:								
NC Sch. of Arts	464,232	-	89,486	91,714	26,382	149,021	107,629	-
Teaching Hospital:								
NC Mem. Hosp.	1,000,909	-	-	54,203	350,314	244,238	142,217	209,937
Technical and Community Colleges:								
SUBTOTAL	10,012,927	47,839	297,908	264,487	385,355	2,735,725	5,078,461	1,203,152
PRIVATE INSTITUTIONS								
Major Research Universities:								
SUBTOTAL	11,624,955	35,728	1,416,721	2,175,945	1,737,989	1,861,160	2,880,319	1,517,093
Gen. Baccalaureate Colleges:								
SUBTOTAL	14,202,085	495,092	1,999,021	1,671,605	1,923,883	5,536,218	1,921,707	654,559
Junior Colleges:								
SUBTOTAL	2,482,198	213,989	260,928	193,300	369,164	913,287	373,689	157,841
GRAND TOTAL	75,821,255	991,963	8,031,079	7,963,379	10,194,315	21,589,442	19,102,552	7,948,525

Age of Buildings

Table 21

INSTITUTION	Total Square Feet	Pre-1900	1900-1929	1930-1949	1950-1959	1960-1969	1970-1979	1980-Present
Tecnnical and Community Colleges:								
Anson TC	61,331	4,160	-	21,638	-	-	30,495	5,038
Ashev'le-Bun. TC	274,749	9,981	-	-	21,142	115,709	77,589	50,328
Beaufort Co. CC	121,926	-	-	-	-	-	90,045	31,881
Bladen TC	86,195	-	-	-	-	-	69,822	16,373
Blue Ridge TC	112,652	-	-	-	-	-	90,815	21,837
Brunswick TC	70,580	-	-	13,813	-	24,003	8,565	24,199
Caldwell CC & TI	162,374	-	-	-	-	60,471	82,109	19,794
Cape Fear TI	215,388	-	-	16,999	-	45,540	152,849	-
Carteret TC	147,465	-	-	18,000	9,017	27,840	54,249	38,359
Catawba Vy. TC	215,860	-	-	1,650	4,600	74,471	120,835	14,304
C. Carolina TC	130,362	-	-	-	-	77,082	30,942	22,338
C. Piedmont TC	1,027,518	-	106,968	42,802	62,835	203,939	601,662	9,312
Cleveland TC	157,115	-	7,856	-	-	1,875	47,089	100,295
Coastal Car. CC	202,547	-	-	-	-	-	167,676	34,871
Col. Albemarle	130,814	-	-	5,268	-	-	50,869	74,677
Craven CC	125,458	-	-	-	-	3,669	83,385	38,404
Davidson Co. CC	208,596	-	-	-	-	85,340	99,766	23,490
Durham TI	179,632	-	-	-	-	77,534	50,082	52,016
Edgecombe TC	127,796	-	57,378	-	8,052	-	62,366	-
Fayettev'le TI	309,734	-	-	-	-	155,381	136,492	17,861
Forsyth TC	383,785	-	-	-	78,490	174,698	63,131	67,466
Gaston Col.	276,234	-	-	-	-	141,440	103,831	30,963
Guilford TCC	536,743	1,931	46,620	46,465	88,325	123,730	187,143	42,529
Halifax CC	82,327	-	-	-	-	-	81,599	728
Haywood TC	199,417	-	-	12,392	-	30,072	145,164	11,789
Isothermal CC	174,546	-	6,448	-	-	57,962	110,136	-
J. Sprunt TC	103,459	-	-	-	-	24,245	76,630	2,584
Johnston TC	148,791	-	971	-	28,700	-	95,163	23,957
Lenoir CC	185,920	-	-	-	10,622	41,534	125,118	8,646
Martin CC	146,265	-	-	-	-	-	131,825	14,440
Mayland TC	53,079	-	-	-	-	-	37,079	16,000
McDowell TC	64,696	-	-	-	-	18,904	42,848	2,944
Mitchell CC	190,167	31,767	30,351	24,717	-	32,819	70,513	-
Montgomery TC	64,090	-	-	-	-	-	64,090	-
Nash TC	101,792	-	-	24,233	-	600	76,959	-
Pamlico TC	40,198	-	-	-	-	-	40,198	-
Piedmont TC	96,884	-	-	-	-	-	83,288	13,596
Pitt CC	147,051	-	-	4,760	-	87,185	49,700	5,406
Randolph TC	152,783	-	-	-	-	44,387	61,239	47,157
Richmond TC	113,124	-	-	-	2,680	56,560	36,585	17,299
Roanoke-Cho. TC	92,913	-	-	-	-	13,366	54,378	25,169
Robeson TC	116,751	-	3,855	11,750	7,955	10,298	79,893	3,000
Rockingham CC	211,521	-	-	-	-	148,238	63,283	-
Rowan TC	191,182	-	11,732	-	-	82,925	96,525	-
Sampson TC	74,661	-	-	-	-	2,381	54,025	18,255
Sandhills CC	198,584	-	-	-	-	124,248	63,157	11,179
Southeastern CC	149,737	-	-	-	-	77,323	66,014	6,400
Southwestern TC	104,565	-	-	-	-	-	75,826	28,739
Stanly TC	75,599	-	-	-	-	14,131	44,245	17,223
Surry CC	166,706	-	-	-	-	66,452	100,254	-
TC Alamance	156,855	-	25,729	-	600	-	116,156	14,370
Tri-County CC	78,762	-		18,334	-	9,720	17,520	33,188
Vance-Granv. CC	139,949	-	-	-	-	-	136,949	3,000
Wake TC	258,144	-	-	-	-	98,886	111,423	47,835
Wayne CC	165,928	-	-	1,666	36,417	62,104	65,741	-
W. Piedmont CC	149,169	-	-	-	-	72,716	54,469	21,984
Wilkes CC	200,213	-	-	-	-	98,598	57,322	44,293
Wilson Co. TC	152,245	-	-	-	25,920	67,349	31,340	27,636
TOTAL	10,012,927	47,839	297,908	264,487	385,355	2,735,725	5,078,461	1,203,152

TABLE 22:
CONDITION OF BUILDINGS

The condition of campus buildings has been a matter of increasing concern to college and university administrators. As institutional budgets tightened during the 1970's, many institutions attempted to economize by deferring the maintenance of facilities. As a result, some colleges and universities now have buildings which are in such poor condition that they can no longer satisfactorily support the programs for which they were intended. Increasing costs of new construction have made proper maintenance of campus physical plants even more important.

The data in Table 22 are based on the assessment of building conditions by the facilities project officers at the institutions. Although few of them are architects or engineers, they generally have (or have access to) sufficient information about the condition of their institutions' facilities to be able to accurately assign a condition code to each campus building. These codes are defined on the following page.

The sum of the percentages for each institution should in theory add to exactly 100.0, but in some cases they do not because of rounding.

BUILDING CONDITION

1. Definition. The physical status and quality of the building at the time of the inventory, based on the best judgment of those responsible for campus development.

2. Description. This building characteristic has the following categories:

   1 - Satisfactory

   Suitable for continued use with normal maintenance.

   2 - Remodeling A

   Requires restoration to present acceptable standards without major room use changes, alterations, or modernizations. The approximate cost of "Remodeling A" is not greater than 25% of the estimated replacement cost of the building.

   3 - Remodeling B

   Requires major updating and/or modernization of the building. The approximate cost of "Remodeling B" is greater than 25%, but not greater than 50% of the estimated replacement cost of the building.

   4 - Remodeling C

   Requires major remodeling of the building. The approximate cost of "Remodeling C" is greater than 50% of the replacement cost of the building.

   5 - Demolition

   Should be demolished or abandoned because the building is unsafe or structurally unsound, irrespective of the need for the space or the availability of funds for a replacement. If a building is scheduled for demolition, its condition is recorded as "demolition," regardless of true condition.

   6 - Termination

   Planned termination or relinquishment of occupancy of the building for reasons other than unsafeness or structural unsoundness, such as abandonment of temporary units or vacation of leased space. If a building is scheduled for termination, its condition is recorded as "termination," regardless of true condition.

Condition of Buildings

Table 22

INSTITUTION	Satisfactory		Remodeling A		Remodeling B		Remodeling C		Demolition		Termination		Total Gross Square Feet
	Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%	
Major Research Universities:													
NC State	976,162	15.4	3,751,427	59.0	1,294,571	20.4	262,035	4.1	69,131	1.1	-	-	6,353,326
NC State Vet.	358,854	96.3	-	-	13,753	3.7	-	-	-	-	-	-	372,607
UNC-Chapel Hill	2,731,488	44.1	2,230,692	36.0	602,583	9.7	509,349	8.2	100,008	1.6	26,140	0.4	6,200,260
UNC-Health Aff.	1,826,959	71.0	348,284	13.5	203,717	7.9	51,633	2.0	24,298	0.9	116,604	4.5	2,571,495
SUBTOTAL	5,893,463	38.0	6,330,403	40.8	2,114,624	13.6	823,017	5.3	193,437	1.2	142,744	0.9	15,497,688
Other Doctoral Universities:													
UNC-Greensboro	778,308	30.3	1,045,496	40.6	372,910	14.5	375,756	14.6	-	-	-	-	2,572,470
Comprehensive Universities:													
Appalachian	2,021,083	76.5	464,204	17.6	135,668	5.1	-	-	19,446	0.7	-	-	2,640,401
East Carolina	1,692,513	63.6	881,558	33.1	87,168	3.3	-	-	-	-	1,440	0.1	2,662,679
ECU-Health Aff.	619,302	96.0	20,550	3.2	-	-	-	-	-	-	4,996	0.8	644,848
Fayetteville	360,237	47.8	253,098	33.6	116,038	15.4	23,730	3.2	-	-	-	-	753,103
NC A & T	701,076	36.3	1,082,553	56.1	119,549	6.2	17,505	0.9	8,193	0.4	-	-	1,928,876
NC Central	720,424	46.4	811,423	52.3	19,284	1.2	-	-	-	-	-	-	1,551,131
UNC-Charlotte	1,897,650	92.8	148,207	7.2	-	-	-	-	-	-	-	-	2,045,857
UNC-Wilmington	727,627	70.6	292,935	28.4	660	0.1	8,000	0.8	1,000	0.1	-	-	1,030,222
West'n Carolina	1,357,510	66.9	496,720	24.5	104,753	5.2	70,313	3.5	-	-	-	-	2,029,296
SUBTOTAL	10,097,422	66.1	4,451,248	29.1	583,120	3.8	119,548	0.8	28,639	0.2	6,436	0.1-	15,286,413
Gen. Baccalaureate Universities:													
Elizabeth City	239,186	34.3	402,490	57.8	35,986	5.2	18,100	2.6	585	0.1	-	-	696,347
Pembroke	477,349	75.6	100,473	15.9	23,088	3.7	12,892	2.0	17,879	2.8	-	-	631,681
UNC-Asheville	154,072	30.7	174,196	34.7	136,634	27.2	36,573	7.3	433	0.1	-	-	501,908
Winston-Salem	410,869	48.5	291,529	34.4	145,044	17.1	-	-	-	-	-	-	847,442
SUBTOTAL	1,281,476	47.9	968,688	36.2	340,752	12.7	67,565	2.5	18,897	0.7	-	-	2,677,378
Specialized Institution:													
NC Sch. of Arts	253,764	54.7	27,768	6.0	150,044	32.3	32,656	7.0	-	-	-	-	464,232
Teaching Hospital:													
NC Mem. Hosp.	1,000,909	100.0	-	-	-	-	-	-	-	-	-	-	1,000,909
Technical and Community Colleges:													
SUBTOTAL	9,510,390	95.0	189,513	1.9	74,045	0.7	55,465	0.6	16,392	0.2	167,122	1.7	10,012,927
PRIVATE INSTITUTIONS													
Major Research Universities:													
SUBTOTAL	11,506,124	99.0	48,012	0.4	57,384	0.5	4,753	0.1-	8,682	0.1	-	-	11,624,955
Gen. Baccalaureate Colleges:													
SUBTOTAL	13,048,462	91.9	868,042	6.1	212,694	1.5	41,195	0.3	18,480	0.1	13,212	0.1	14,202,085
Junior Colleges:													
SUBTOTAL	2,455,698	98.9	17,070	0.7	5,140	0.2	-	-	-	-	4,290	0.2	2,482,198
GRAND TOTAL	55,826,016	73.6	13,946,240	18.4	3,910,713	5.2	1,519,955	2.0	284,527	0.4	333,804	0.4	75,821,255

Condition of Buildings

Table 22

INSTITUTION	Satisfactory		Remodeling A		Remodeling B		Remodeling C		Demolition		Termination		Total Gross Square Feet
	Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%	
Technical and Community Colleges:													
Anson TC	5,038	8.2	33,418	54.5	15,350	25.0	5,388	8.8	2,137	3.5	-	-	61,331
Ashev'le-Bun. TC	216,035	78.6	50,917	18.5	7,797	2.8	-	-	-	-	-	-	274,749
Beaufort Co. CC	121,926	100.0	-	-	-	-	-	-	-	-	-	-	121,926
Bladen TC	81,754	94.8	3,841	4.5	600	0.7	-	-	-	-	-	-	86,195
Blue Ridge TC	112,652	100.0	-	-	-	-	-	-	-	-	-	-	112,652
Brunswick TC	54,683	77.5	950	1.3	5,484	7.8	5,976	8.5	3,487	4.9	-	-	70,580
Caldwell CC & TI	162,374	100.0	-	-	-	-	-	-	-	-	-	-	162,374
Cape Fear TI	215,388	100.0	-	-	-	-	-	-	-	-	-	-	215,388
Carteret TC	90,736	61.5	47,176	32.0	6,000	4.1	1,681	1.1	-	-	1,872	1.3	147,465
Catawba Vy. TC	215,860	100.0	-	-	-	-	-	-	-	-	-	-	215,860
C. Carolina TC	116,782	89.6	-	-	-	-	13,580	10.4	-	-	-	-	130,362
C. Piedmont TC	1,024,582	99.7	2,936	0.3	-	-	-	-	-	-	-	-	1,027,518
Cleveland TC	149,259	95.0	-	-	7,856	5.0	-	-	-	-	-	-	157,115
Coastal Car. CC	202,547	100.0	-	-	-	-	-	-	-	-	-	-	202,547
Col. Albemarle	125,546	96.0	-	-	-	-	5,268	4.0	-	-	-	-	130,814
Craven CC	125,458	100.0	-	-	-	-	-	-	-	-	-	-	125,458
Davidson Co. CC	208,596	100.0	-	-	-	-	-	-	-	-	-	-	208,596
Durham TI	179,632	100.0	-	-	-	-	-	-	-	-	-	-	179,632
Edgecombe TC	122,127	95.6	5,669	4.4	-	-	-	-	-	-	-	-	127,796
Fayettev'le TI	302,534	97.7	7,200	2.3	-	-	-	-	-	-	-	-	309,734
Forsyth TC	383,785	100.0	-	-	-	-	-	-	-	-	-	-	383,785
Gaston Col.	276,234	100.0	-	-	-	-	-	-	-	-	-	-	276,234
Guilford TCC	522,171	97.3	-	-	-	-	14,572	2.7	-	-	-	-	536,743
Halifax CC	82,327	100.0	-	-	-	-	-	-	-	-	-	-	82,327
Haywood TC	176,525	88.5	18,792	9.4	4,100	2.1	-	-	-	-	-	-	199,417
Isothermal CC	174,546	100.0	-	-	-	-	-	-	-	-	-	-	174,546
J. Sprunt TC	100,915	97.5	-	-	-	-	600	0.6	-	-	1,944	1.9	103,459
Johnston TC	147,820	99.3	-	-	-	-	-	-	971	0.7	-	-	148,791
Lenoir CC	185,920	100.0	-	-	-	-	-	-	-	-	-	-	185,920
Martin CC	146,265	100.0	-	-	-	-	-	-	-	-	-	-	146,265
Mayland TC	53,079	100.0	-	-	-	-	-	-	-	-	-	-	53,079
McDowell TC	64,696	100.0	-	-	-	-	-	-	-	-	-	-	64,696
Mitchell CC	182,710	96.1	4,483	2.4	2,974	1.6	-	-	-	-	-	-	190,167
Montgomery TC	64,090	100.0	-	-	-	-	-	-	-	-	-	-	64,090
Nash TC	77,559	76.2	-	-	-	-	-	-	-	-	24,233	23.8	101,792
Pamlico TC	40,198	100.0	-	-	-	-	-	-	-	-	-	-	40,198
Piedmont TC	96,885	100.0	-	-	-	-	-	-	-	-	-	-	96,884
Pitt CC	125,035	85.0	-	-	-	-	-	-	-	-	22,016	15.0	147,051
Randolph TC	152,783	100.0	-	-	-	-	-	-	-	-	-	-	152,783
Richmond TC	113,124	100.0	-	-	-	-	-	-	-	-	-	-	113,124
Roanoke-Cho. TC	82,719	89.0	-	-	561	0.6	-	-	-	-	9,633	10.4	92,913
Robeson TC	93,191	79.8	-	-	-	-	-	-	-	-	23,560	20.2	116,751
Rockingham CC	211,521	100.0	-	-	-	-	-	-	-	-	-	-	211,521
Rowan TC	191,182	100.0	-	-	-	-	-	-	-	-	-	-	191,182
Sampson TC	73,941	99.0	-	-	-	-	-	-	720	1.0	-	-	74,661
Sandhills CC	198,584	100.0	-	-	-	-	-	-	-	-	-	-	198,584
Southeastern CC	149,737	100.0	-	-	-	-	-	-	-	-	-	-	149,737
Southwestern TC	104,565	100.0	-	-	-	-	-	-	-	-	-	-	104,565
Stanly TC	61,468	81.3	14,131	18.7	-	-	-	-	-	-	-	-	75,599
Surry CC	166,706	100.0	-	-	-	-	-	-	-	-	-	-	166,706
TC Alamance	156,855	100.0	-	-	-	-	-	-	-	-	-	-	156,855
Tri-County CC	62,957	79.9	-	-	6,541	8.3	8,400	10.7	864	1.1	-	-	78,762
Vance-Granv. CC	139,949	100.0	-	-	-	-	-	-	-	-	-	-	139,949
Wake TC	258,144	100.0	-	-	-	-	-	-	-	-	-	-	258,144
Wayne CC	65,282	39.3	-	-	16,782	10.1	-	-	-	-	83,864	50.5	165,928
W. Piedmont CC	149,169	100.0	-	-	-	-	-	-	-	-	-	-	149,169
Wilkes CC	200,213	100.0	-	-	-	-	-	-	-	-	-	-	200,213
Wilson Co. TC	144,032	94.6	-	-	-	-	-	-	8,213	5.4	-	-	152,245
TOTAL	9,510,390	95.0	189,513	1.9	74,045	0.7	55,465	0.6	16,392	0.2	167,122	1.7	10,012,927

TABLE 23:
ESTIMATED COST TO RENOVATE OR REPLACE UNSATISFACTORY FACILITIES

The common practice of deferring standard maintenance of college and university facilities has forced many institutions to face the prospect of extensive renovations and the total replacement of some buildings. On a national level, the cost of bringing buildings to a satisfactory condition and replacing inadequate facilities has been frequently estimated at $50 billion.

Table 23 estimates the costs of bringing all campus buildings to a satisfactory condition by renovating unsatisfactory facilities and replacing buildings which are designated for demolition due to their unsafe condition or which will be vacated by institutions for any other reason. It does not estimate the cost of new construction required by any inadequacies in the amount of space.

These estimates were calculated by taking the estimated replacement value of each unsatisfactory building and multiplying it by the appropriate "cost midpoint" based on the condition of the building. (See Table 19 for a discussion of estimated replacement values and Table 22 for definitions of condition codes.)

The cost midpoints used in generating the estimates for Table 23 are as follows:

Condition	Cost Midpoint
Remodeling A	20%
Remodeling B	37.5%
Remodeling C	75%
Demolition	100%
Termination	100%

Thus, for example, if a building in remodeling A condition has an estimated replacement value of $1,000,000, the cost to bring it to satisfactory condition would be estimated to be $200,000.

Estimated Cost to Renovate or Replace Unsatisfactory Facilities

Table 23

	Estimated Cost of Restoring Facilities to Satisfactory Condition				
INSTITUTION	1985	1984	1983	1982	1981
Major Research Universities:					
NC State	$ 91,480,338	$ 55,613,716	$ 53,941,528	$ 50,318,591	$ 47,922,466
NC State Vet.	136,620	-	-	-	-
UNC-Chapel Hill	125,964,403	109,395,230	106,331,348	99,189,690	94,522,862
UNC-Health Aff.	37,178,842	48,255,397	47,870,510	44,235,141	41,823,345
SUBTOTAL	254,760,203	213,264,343	208,143,386	193,743,422	184,268,673
Other Doctoral Universities:					
UNC-Greensboro	38,887,322	44,877,740	44,185,648	1,666,860	1,587,485
Comprehensive Universities:					
Appalachian	9,305,933	578,623	2,461,578	2,164,633	2,111,897
East Carolina	12,750,649	9,737,735	9,444,942	8,810,580	8,354,575
ECU-Health Aff.	385,002	140,052	135,841	148,745	394,897
Fayetteville	6,603,957	-	-	-	-
NC A & T	16,735,386	21,122,643	20,487,531	19,111,503	18,201,430
NC Central	9,971,817	2,294,621	2,225,627	3,449,877	4,671,882
UNC-Charlotte	2,601,899	-	-	-	-
UNC-Wilmington	5,086,447	-	-	-	-
West'n Carolina	11,893,757	6,532,775	6,336,349	4,753,774	5,095,501
SUBTOTAL	75,334,847	40,406,449	41,091,868	38,439,112	38,830,182
Gen. Baccalaureate Universities:					
Elizabeth City	7,132,984	6,500,389	6,285,792	6,220,296	5,902,325
Fayetteville	-	939,612	911,360	822,423	783,260
Pembroke	3,197,397	-	-	-	-
UNC-Asheville	6,644,124	664,843	644,852	601,541	572,896
UNC-Wilmington	-	341,076	340,063	539,235	513,558
Winston-Salem	6,956,770	7,272,910	5,963,197	5,786,520	5,662,872
SUBTOTAL	23,931,275	15,718,830	14,145,264	13,970,015	13,434,911

Estimated Cost to Renovate or Replace Unsatisfactory Facilities

Table 23

	Estimated Cost of Restoring Facilities to Satisfactory Condition				
INSTITUTION	1985	1984	1983	1982	1981
Specialized Institution:					
NC Sch. of Arts	$ 5,284,970	$ 3,197,848	$ 3,931,268	$ 3,667,229	$ 2,097,428
Teaching Hospital:					
NC Mem. Hosp.	-	-	-	-	-
Technical and Community Colleges:					
SUBTOTAL	14,770,666	14,469,943	14,017,705	10,561,932	12,185,894
PRIVATE INSTITUTIONS					
Major Research Universities:					
SUBTOTAL	8,399,922	8,211,067	8,123,506	22,279,529	21,183,933
Gen. Baccalaureate Colleges:					
SUBTOTAL	19,116,354	17,635,679	16,175,620	17,032,416	16,363,158
Junior Colleges:					
SUBTOTAL	582,249	335,482	573,360	230,972	219,973
GRAND TOTAL	$441,067,808	$358,117,381	$350,387,625	$301,591,487	$290,171,637

Estimated Cost to Renovate or Replace Unsatisfactory Facilities

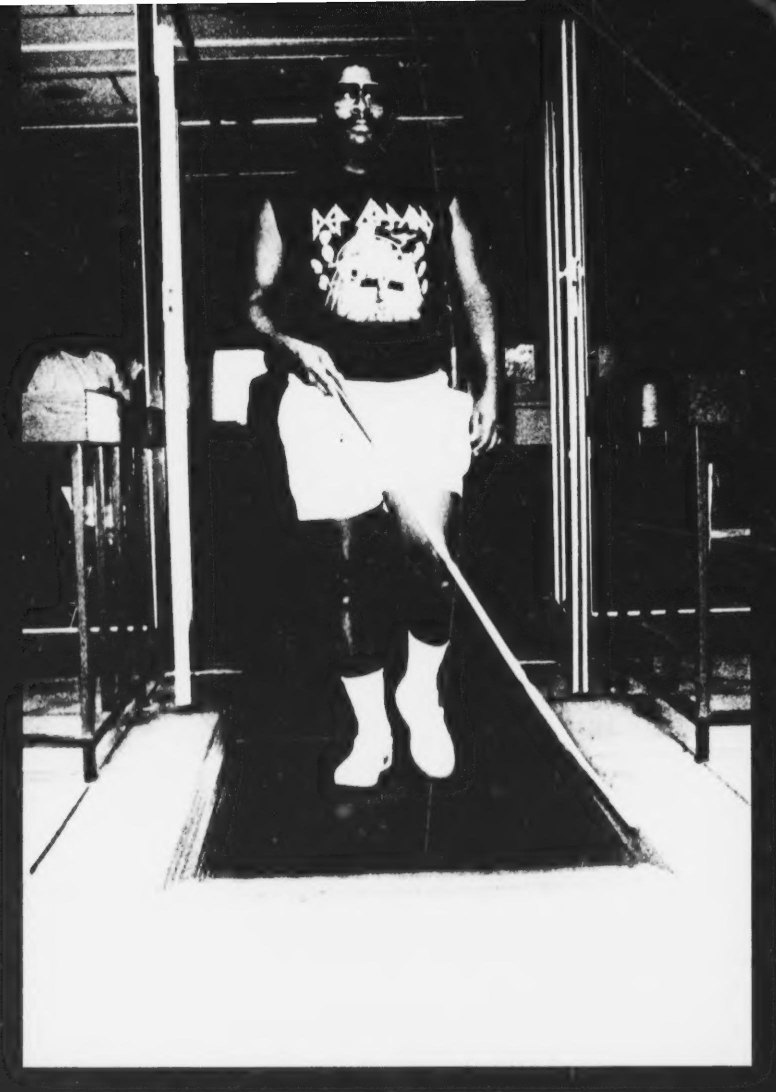
Table 23

	Estimated Cost of Restoring Facilities to Satisfactory Condition				
INSTITUTION	1985	1984	1983	1982	1981
Technical and Community Colleges:					
Anson TC	$ 1,127,202	$ 1,055,267	$ -	$ -	$ 372,721
Ashev'le-Bun. TC	805,662	787,549	763,869	712,564	678,632
Beaufort Co. CC	-	-	-	-	-
Bladen TC	8,571	8,378	8,126	11,160	10,628
Blue Ridge TC	-	-	-	-	-
Brunswick TC	429,593	357,570	276,859	258,264	205,751
Caldwell CC & TI	-	-	-	-	-
Cape Fear TI	-	-	-	-	-
Carteret TC	782,823	765,223	742,213	252,466	543,095
Catawba Vy. TC	-	-	-	-	-
C. Carolina TC	637,826	623,486	-	-	-
C. Piedmont CC	31,953	31,234	30,295	28,260	26,914
Cleveland TC	162,401	158,750	153,977	143,635	136,795
Coastal Car. CC	-	-	-	-	-
Col. Albemarle	260,723	254,861	247,198	230,594	219,614
Craven CC	-	902,276	755,297	704,568	173,152
Davidson Co. CC	-	-	2,016,888	-	-
Durham TI	-	153,723	-	379,830	361,743
Edgecombe TC	20,352	19,894	19,296	-	-
Fayettev'le TI	62,493	61,088	-	-	-
Forsyth TC	-	-	-	-	-
Gaston Col.	-	-	-	-	-
Guilford TCC	151,673	148,262	143,804	134,146	325,007
Halifax CC	-	-	-	-	-
Haywood TC	288,948	282,452	273,959	227,137	216,320
Isothermal CC	-	-	-	-	-
J. Sprunt TC	41,232	40,306	39,093	36,469	34,732
Johnston TC	49,906	48,784	47,317	44,139	42,037
Lenoir CC	-	-	-	-	-
Martin CC	-	-	-	-	-

Estimated Cost to Renovate or Replace Unsatisfactory Facilities

Table 23

INSTITUTION	Estimated Cost of Restoring Facilities to Satisfactory Condition				
	1985	1984	1983	1982	1981
Technical and Community Colleges:					
Mayland TC	$ -	$ -	$ -	$ -	$ -
McDowell TC	-	-	-	-	-
Mitchell CC	104,952	102,593	99,507	92,824	88,404
Montgomery TC	-	-	-	-	-
Nash TC	1,556,795	570,673	553,514	-	-
Pamlico TC	-	-	-	-	-
Piedmont TC	-	-	-	-	-
Pitt CC	1,050,916	1,027,287	996,398	915,866	1,165,755
Randolph TC	-	-	-	-	-
Richmond TC	-	-	-	-	-
Roanoke-Cho. TC	569,649	564,678	540,098	503,823	445,230
Robeson TC	1,450,863	1,418,243	1,375,600	1,283,209	1,222,104
Rockingham CC	-	-	-	-	-
Rowan TC	-	-	-	-	-
Sampson TC	10,602	10,364	10,052	9,377	8,930
Sandhills CC	-	-	-	-	-
Southeastern CC	-	-	-	-	-
Southwestern TC	-	-	-	-	-
Stanly TC	162,019	177,180	171,853	160,310	152,676
Surry CC	-	-	-	-	-
TC Alamance	-	-	-	-	-
Tri-County CC	501,227	498,759	483,762	451,269	465,458
Vance-Granv. CC	-	-	-	-	-
Wake TC	-	-	-	-	-
Wayne CC	4,002,281	3,912,301	3,794,664	3,539,796	4,869,028
W. Piedmont CC	-	-	-	-	-
Wilkes CC	-	-	-	-	-
Wilson Co. TC	500,004	488,762	474,066	442,226	421,168
TOTAL	$14,770,666	$14,469,943	$14,017,705	$10,561,932	$12,185,894



Central Piedmont Community College

Central Piedmont Community College has a long-established commitment to providing educational opportunities for people with handicaps. In 1971, CPCC initiated a program to accept and educate persons with disabilities, and to intergrate them comfortably with students without handicaps. Today the college attracts large numbers of blind and deaf students, as well as those whose mobility is impaired.

CPCC's commitment to the handicapped is reflected in its extensive efforts to make its campus accessible and to provide needed support services to students with disabilities. Over 92% of its assignable area is accessible to persons in wheelchairs, and most buildings now have automatic door openers. The school provides certified interpreters for the deaf and volunteer note-takers for those who are blind. Instructional materials are also reproduced in braille for students who request them. These services are complemented by a counseling program geared to addressing the kinds of problems that handicapped students encounter.

Accessibility of Facilities to the Mobility Impaired

Accessible Area as a Percentage of Assignable 169
Accessible Space by Programs and Subprograms 175
Accessible Area by Room Code 193

TABLE 24:
ACCESSIBLE AREA AS A PERCENTAGE OF ASSIGNABLE

The Rehabilitation Act of 1973 focused national attention on the rights of handicapped persons. Section 504 of the Act states that "no otherwise qualified handicapped individual in the United States . . . shall, solely by reason of his handicap, be excluded from the participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance."

One of the groups protected by Section 504 is the people who are confined to wheelchairs or whose mobility is otherwise impaired. Although Section 504 does not require that colleges and universities make all of their facilities barrier-free, it does require that the institutions' programs be made accessible to the handicapped. Although program accessibility can be partially achieved through changes other than facilities modifications, the amount of assignable space which is accessible to the mobility impaired is a factor which must be carefully considered in making programs accessible.

The National Center for Education Statistics conducted a survey in 1978 to determine the impact of Section 504 on colleges and universities. One of the findings of the survey was that about 76% of the assignable area on college and university campuses would need to be made accessible in order to comply with the program accessibility requirement of Section 504. The survey also found, however, that this percentage varied greatly among different institutions.

For purposes of this study, assignable space is considered to be accessible if a person in a wheelchair can, without assistance, reach that space from immediately outside the building in which the space is located.

Accessible Area As a Percentage of Assignable

Table 24

INSTITUTION	Total Assignable Sq. Ft.	Total Accessible Sq. Ft.	Percent Accessible				
			1985	1984	1983	1982	1981
Major Research Universities:							
NC State	4,261,400	2,437,964	57.2	56.7	57.2	58.0	55.5
NC State Vet.	223,701	195,871	87.6	87.3	86.3	-	-
UNC-Chapel Hill	4,147,285	2,321,754	56.0	55.7	54.9	54.2	54.1
UNC-Health Aff.	1,207,869	1,023,460	84.7	82.0	81.3	81.8	81.7
SUBTOTAL	9,840,255	5,979,049	60.8	61.0	60.9	60.4	59.3
Other Doctoral Universities:							
UNC-Greensboro	1,672,666	945,325	56.5	54.1	54.0	50.4	50.2
Comprehensive Universities:							
Appalachian	1,834,071	944,146	51.5	50.8	45.1	43.3	43.1
East Carolina	1,882,436	818,675	43.5	43.6	43.6	46.1	45.3
ECU-Health Aff.	406,772	382,241	94.0	94.0	93.8	88.4	88.0
Fayetteville	497,024	202,589	40.8	-	-	-	-
NC A & T	1,343,404	606,945	45.2	45.2	45.3	35.2	24.4
NC Central	1,011,183	404,617	40.0	33.3	31.9	31.7	26.5
UNC-Charlotte	1,374,986	1,151,722	83.8	82.8	82.6	81.9	70.1
UNC-Wilmington	689,116	355,721	51.6	-	-	-	-
West'n Carolina	1,427,689	908,658	63.6	63.8	63.7	63.4	60.7
SUBTOTAL	10,466,681	5,775,314	55.2	55.2	53.9	51.1	46.3
Gen. Baccalaureate Universities:							
Elizabeth City	501,082	285,026	56.9	56.2	56.2	55.5	51.6
Fayetteville	-	-	-	40.8	38.2	37.9	33.4
Pembroke	438,330	237,012	54.1	54.1	54.1	54.1	54.1
UNC-Asheville	352,846	253,752	71.9	71.1	71.0	71.1	65.7
UNC-Wilmington	-	-	-	50.7	50.7	54.6	52.9
Winston-Salem	584,877	244,540	41.8	41.8	42.8	40.2	39.5
SUBTOTAL	1,877,135	1,020,330	54.4	51.1	51.1	51.5	48.4

Accessible Area As a Percentage of Assignable

Table 24

INSTITUTION	Total Assignable Sq. Ft.	Total Accessible Sq. Ft.	Percent Accessible				
			1985	1984	1983	1982	1981
Specialized Institution:							
NC Sch. of Arts	325,483	203,649	62.6	62.6	52.3	52.3	44.8
Teaching Hospital:							
NC Mem. Hosp.	576,962	522,219	90.5	90.2	89.9	90.1	93.4
Technical and Community Colleges:							
SUBTOTAL	7,080,926	6,390,238	90.2	90.4	90.2	89.6	89.2
PRIVATE INSTITUTIONS							
Major Research Universities:							
SUBTOTAL	6,868,168	4,198,339	61.1	56.7	55.9	55.0	45.2
Gen. Baccalaureate Colleges:							
SUBTOTAL	10,043,091	3,756,160	37.4	35.1	32.9	32.4	31.3
Junior Colleges:							
SUBTOTAL	1,729,162	769,408	44.5	43.7	42.1	41.2	40.1
GRAND TOTAL	50,480,529	29,560,031	58.6	57.3	56.3	55.3	52.2

Table 24

Accessible Area As a Percentage of Assignable

INSTITUTION	Total Assignable Sq. Ft.	Total Accessible Sq. Ft.	Percent Accessible				
			1985	1984	1983	1982	1981
Technical and Community Colleges:							
Anson TC	44,537	37,665	84.6	87.4	87.4	87.4	86.0
Ashev'le-Bun. TC	193,303	140,920	72.9	73.0	72.2	72.2	68.9
Beaufort Co. CC	95,437	86,723	90.9	89.7	82.7	82.2	82.2
Bladen TC	66,274	63,805	96.3	96.1	87.1	86.3	86.4
Blue Ridge TC	86,413	85,851	99.3	94.2	94.2	94.2	93.0
Brunswick TC	57,695	41,930	72.7	72.3	69.8	83.5	82.0
Caldwell CC & TI	123,273	113,202	91.8	91.8	91.8	91.8	90.7
Cape Fear TI	153,312	140,185	91.4	91.5	91.4	92.8	92.8
Carteret TC	110,932	104,980	94.6	94.7	93.0	93.0	89.2
Catawba Vy. TC	161,722	116,523	72.1	72.0	71.3	71.3	71.3
C. Carolina TC	101,581	99,153	97.6	97.2	97.2	97.2	97.2
C. Piedmont CC	428,983	395,429	92.2	95.5	95.5	95.5	95.5
Cleveland TC	118,846	113,583	95.6	95.6	95.8	95.8	95.8
Coastal Car. CC	147,036	147,036	100.0	100.0	100.0	100.0	100.0
Col. Albemarle	93,264	93,164	99.9	99.9	95.8	95.8	95.8
Craven CC	90,207	89,639	99.4	99.4	99.6	99.5	99.5
Davidson Co. CC	145,065	144,613	99.7	99.7	99.8	99.8	99.8
Durham TI	137,610	129,677	94.2	88.2	98.4	75.1	74.8
Edgecombe TC	88,714	68,100	76.8	76.5	76.0	73.8	73.8
Fayettev'le TI	225,542	203,511	90.2	90.1	89.6	89.7	89.8
Forsyth TC	283,772	278,005	98.0	96.8	97.0	97.0	97.0
Gaston Col.	192,777	179,098	92.9	93.1	93.3	92.9	88.1
Guilford TCC	389,252	259,118	66.6	64.8	61.9	60.0	63.5
Halifax CC	62,465	59,844	95.8	95.8	94.7	94.7	86.4
Haywood TC	156,107	137,554	88.1	88.0	87.8	87.2	87.3
Isothermal CC	135,527	110,812	81.8	81.6	81.5	81.5	81.5
J. Sprunt TC	77,713	69,988	90.1	90.1	90.1	89.7	91.8
Johnston TC	116,579	114,596	98.3	98.1	98.0	97.6	97.6
Lenoir CC	144,464	140,382	97.2	97.2	99.0	99.0	99.0
Martin CC	110,951	108,464	97.8	97.7	97.5	97.5	97.5

Accessible Area As a Percentage of Assignable

Table 24

INSTITUTION	Total Assignable Sq. Ft.	Total Accessible Sq. Ft.	Percent Accessible				
			1985	1984	1983	1982	1981
Technical and Community Colleges:							
Mayland TC	35,269	34,605	98.1	98.1	100.0	100.0	100.0
McDowell TC	51,167	45,360	88.7	88.7	88.7	88.5	87.9
Mitchell CC	132,277	103,354	78.1	78.0	76.0	76.0	75.0
Montgomery TC	43,103	42,827	99.4	99.4	95.3	95.3	94.6
Nash TC	74,731	63,417	84.9	85.5	85.4	85.4	83.6
Pamlico TC	28,725	27,496	95.7	95.7	95.7	95.7	95.7
Piedmont TC	84,176	81,905	97.3	97.3	97.3	96.8	98.1
Pitt CC	112,045	99,257	88.6	88.6	88.6	88.4	93.0
Randolph TC	120,438	120,438	100.0	100.0	100.0	100.0	100.0
Richmond TC	87,218	76,532	87.7	87.7	83.6	83.9	83.8
Roanoke-Cho. TC	66,705	58,112	87.1	87.1	91.4	91.4	90.2
Robeson TC	93,202	88,904	95.4	95.4	95.2	95.2	95.2
Rockingham CC	156,324	146,076	93.4	93.4	93.4	87.3	87.3
Rowan TC	146,324	142,108	97.1	97.4	97.4	97.4	97.4
Sampson TC	53,875	50,218	93.2	93.3	93.4	92.2	76.1
Sandhills CC	146,258	134,188	91.7	91.7	91.7	91.2	90.3
Southeastern CC	111,173	87,480	78.7	78.7	78.7	78.8	77.2
Southwestern TC	81,414	78,439	96.3	96.3	96.3	95.8	94.8
Stanly TC	54,798	49,353	90.1	85.7	84.8	84.8	94.7
Surry CC	123,282	114,616	93.0	93.0	92.8	92.8	92.8
TC Alamance	105,779	104,947	99.2	99.1	99.1	99.1	99.2
Tri-County CC	64,171	61,292	95.5	95.6	95.5	95.5	95.5
Vance-Granv. CC	87,258	76,117	87.2	87.2	87.2	90.3	99.1
Wake TC	186,483	159,366	85.5	85.5	84.2	84.0	78.2
Wayne CC	132,561	121,084	91.3	91.1	91.1	90.9	90.9
W. Piedmont CC	104,000	96,394	92.7	92.0	94.5	94.5	94.4
Wilkes CC	148,409	144,129	97.1	97.1	97.9	97.9	97.9
Wilson Co. TC	110,408	108,674	98.4	98.4	98.4	98.4	89.6
TOTAL	7,080,926	6,390,238	90.2	90.4	90.2	89.6	89.2

TABLE 25:
ACCESSIBLE AREA
BY SUMMARY PROGRAMS AND SUBPROGRAMS

The requirement that all colleges and universities make their programs accessible to handicapped persons makes careful planning on the part of campus administrators especially important. Although program accessibility does not require that a campus be barrier-free, the concepts of program accessibility and facilities accessibility are inherently interrelated. Campus administrators must therefore analyze their campus facilities in terms of accessibility, focusing particularly on the kinds of space which are accessible.

Table 25 and Tables 25a-25d indicate for each program and subprogram the percentage of assignable space which is accessible to the mobility impaired. A dash indicates that a particular institution has no assignable space under the indicated program or subprogram. A "0.0" indicates that the institution has assignable space under the program or subprogram but that none of it is accessible. Definitions of the programs and subprograms listed in these tables can be found in the narratives preceding Tables 14-14d. Subprogram 03 (Building Service) is not included in Table 25d (and is not considered as part of Program 00 in Table 25) because it applies to nonassignable area only.

It is not possible to develop standards to indicate how much accessible space in each program and subprogram is needed to achieve program accessibility. The figures would vary from institution to institution based on the kinds of programmatic changes that had been implemented to assist handicapped persons. For example, the financial aid program at a college or university would be considered accessible if a handicapped student had the same access to the financial aid and related counseling which the institution offered to other students. This could be accomplished without making the space occupied by the financial aid office accessible. Thus, a program or subprogram which has little or no accessible space is not necessarily inaccessible.

Although the data in Table 25 and Tables 25a-25d cannot be used to ascertain whether program accessibility has been achieved, the information does provide facilities planners with a detailed breakdown of the accessible space on their campuses. This will in turn assist each institution in the determination of the most practical means of achieving program accessibility.

Accessible Area by Summary Programs

Table 25

(Percentages relate to assignable space in each program.)

INSTITUTION	Accessible Sq. Ft.	In-struc-tion 10	Re-search 20	Public Serv. 30	Acad. Spt. 40	Stud. Serv. 50	Inst. Admin. 60	Phys. Plt. Opns 70	Stud. Fin. Spt. 80	Indep. Opns 90	Unas-signed 00
Major Research Universities:											
NC State	2,437,964	69.4	67.5	63.1	85.8	40.3	57.8	62.7	-	34.2	72.0
NC State Vet.	195,871	73.7	96.3	99.8	97.1	90.5	15.9	100.0	-	-	100.0
UNC-Chapel Hill	2,321,754	74.3	85.9	62.7	74.0	25.3	63.0	76.3	-	50.0	95.3
UNC-Health Aff.	1,023,460	83.8	84.0	94.1	84.9	100.0	100.0	89.1	-	79.7	86.7
SUBTOTAL	5,979,049	73.5	77.0	75.2	79.3	33.7	61.1	70.1	-	53.7	93.5
Other Doctoral Universities:											
UNC-Greensboro	945,325	82.8	99.3	0.0	95.8	29.9	47.2	91.6	-	-	2.3
Comprehensive Universities:											
Appalachian	944,146	67.4	86.6	76.4	91.8	30.7	55.2	63.4	-	100.0	81.3
East Carolina	818,675	69.5	82.9	100.0	98.0	12.3	51.8	56.0	-	-	66.8
ECU-Health Aff.	382,241	95.3	100.0	100.0	99.9	44.7	-	11.4	-	-	100.0
Fayetteville	202,589	63.8	60.1	10.7	72.7	12.8	74.7	20.4	-	0.0	16.1
NC A & T	606,945	56.4	54.8	6.4	72.1	21.2	74.8	81.3	-	0.0	0.0
NC Central	404,617	62.4	0.0	100.0	86.2	13.5	8.1	0.0	-	0.0	4.9
UNC-Charlotte	1,151,722	98.4	100.0	-	100.0	66.3	100.0	100.0	-	-	100.0
UNC-Wilmington	355,721	81.3	32.9	-	87.7	28.2	52.2	79.8	-	33.1	27.1
West'n Carolina	908,658	84.6	98.5	100.0	98.3	42.2	42.3	44.0	-	48.7	40.2
SUBTOTAL	5,775,314	74.8	73.6	85.8	91.0	29.8	55.6	57.0	-	34.2	44.8
Gen. Baccalaureate Universities:											
Elizabeth City	285,026	73.6	-	100.0	98.6	36.2	53.3	100.0	-	-	10.2
Pembroke	237,012	78.2	-	100.0	35.2	33.9	58.4	88.7	-	-	1.5
UNC-Asheville	253,752	66.7	100.0	100.0	99.2	63.3	53.8	100.0	-	15.0	98.3
Winston-Salem	244,540	64.9	25.1	80.5	24.9	40.9	8.5	93.9	-	100.0	10.3
SUBTOTAL	1,020,330	71.1	52.9	99.4	65.6	41.7	44.5	95.6	-	32.7	22.9
Specialized Institution:											
NC Sch. of Arts	203,649	88.9	-	100.0	93.2	14.0	48.6	98.8	-	100.0	100.0
Teaching Hospital:											
NC Mem. Hosp.	522,219	-	100.0	91.6	-	-	73.2	51.3	-	100.0	88.9
Technical and Community Colleges:											
SUBTOTAL	6,390,238	90.1	-	96.2	94.7	94.0	85.2	73.4	-	97.4	81.0
PRIVATE INSTITUTIONS											
Major Research Universities:											
SUBTOTAL	4,198,339	75.3	70.6	87.6	88.6	32.0	47.9	40.7	-	77.5	71.0
Gen. Baccalaureate Colleges:											
SUBTOTAL	3,756,160	52.4	51.5	24.3	72.5	28.9	20.3	34.2	-	30.5	6.3
Junior Colleges:											
SUBTOTAL	769,408	61.2	-	0.0	73.1	38.0	19.8	56.7	-	-	32.4
GRAND TOTAL	29,560,031	75.3	74.8	86.5	84.8	33.8	46.4	56.9	-	61.9	48.2

Accessible Area
by Summary Programs

Table 25

(Percentages relate to assignable space in each program.)

INSTITUTION	Accessible Sq. Ft.	Instruction 10	Research 20	Public Serv. 30	Acad. Spt. 40	Stud. Serv. 50	Inst. Admin. 60	Phys. Plt. Opns. 70	Stud. Fin. Spt. 80	Indep. Opns. 90	Unassigned 00
Technical and Community Colleges:											
Anson TC	37,665	78.9	-	-	82.2	96.2	94.7	100.0	-	-	100.0
Ashev'le-Bun. TC	140,920	72.3	-	-	86.8	100.0	60.1	98.5	-	-	0.0
Beaufort Co. CC	86,723	90.9	-	-	91.1	83.9	99.5	100.0	-	-	100.0
Bladen TC	63,805	94.9	-	-	100.0	100.0	88.6	100.0	-	-	100.0
Blue Ridge TC	85,851	99.3	-	-	100.0	99.4	97.9	100.0	-	-	-
Brunswick TC	41,930	72.5	-	-	100.0	91.2	100.0	100.0	-	-	38.9
Caldwell CC & TI	113,202	86.1	-	100.0	100.0	97.7	100.0	100.0	-	100.0	-
Cape Fear TI	140,185	89.9	-	100.0	100.0	91.0	99.5	-	-	0.0	0.0
Carteret TC	104,980	92.6	-	0.0	91.1	92.6	100.0	42.3	-	100.0	-
Catawba Vy. TC	116,523	67.3	-	-	100.0	100.0	48.5	-	-	-	100.0
C. Carolina TC	99,153	97.3	-	-	97.9	99.8	99.4	89.9	-	-	-
C. Piedmont TC	395,429	93.0	-	100.0	94.1	100.0	96.2	0.0	-	-	-
Cleveland TC	113,583	95.5	-	-	100.0	100.0	100.0	53.4	-	-	84.7
Coastal Car. CC	147,036	100.0	-	-	100.0	100.0	100.0	100.0	-	-	100.0
Col. Albemarle	93,164	99.8	-	100.0	100.0	100.0	100.0	100.0	-	-	-
Craven CC	89,639	99.1	-	100.0	100.0	100.0	100.0	-	-	-	-
Davidson Co. CC	144,613	100.0	-	-	99.1	98.8	99.6	100.0	-	-	-
Durham TI	129,677	94.5	-	37.0	100.0	95.1	98.1	78.5	-	100.0	100.0
Edgecombe TC	68,100	72.5	-	-	72.2	96.1	100.0	80.4	-	100.0	-
Fayettev'le TI	203,511	91.9	-	-	96.2	96.7	76.0	20.4	-	-	-
Forsyth TC	278,005	97.5	-	100.0	98.8	98.6	98.1	100.0	-	-	100.0
Gaston Col.	179,098	95.8	-	100.0	88.8	94.2	64.1	100.0	-	100.0	100.0
Guilford TCC	259,118	61.3	-	100.0	91.5	84.2	57.3	6.1	-	100.0	13.6
Halifax CC	59,844	95.3	-	-	100.0	100.0	96.2	79.2	-	-	-
Haywood TC	137,554	84.3	-	-	91.9	100.0	100.0	100.0	-	100.0	100.0
Isothermal CC	110,812	88.7	-	100.0	19.6	74.2	87.1	100.0	-	-	-
J. Sprunt TC	69,988	92.1	-	-	97.1	92.4	76.0	65.3	-	-	-
Johnston TC	114,596	99.7	-	-	100.0	100.0	91.6	100.0	-	-	19.9
Lenoir CC	140,382	96.4	-	100.0	98.3	98.1	100.0	100.0	-	-	-
Martin CC	108,464	99.1	-	100.0	98.6	98.4	91.2	84.3	-	47.9	-
Mayland TC	34,605	97.4	-	-	100.0	100.0	100.0	-	-	-	-
McDowell TC	45,360	85.6	-	-	100.0	96.7	91.3	100.0	-	-	-
Mitchell CC	103,354	83.7	-	-	89.6	53.3	75.1	0.0	-	27.2	83.4
Montgomery TC	42,827	99.6	-	-	97.8	100.0	99.2	-	-	-	-
Nash TC	63,417	80.9	-	-	92.0	87.0	86.1	100.0	-	100.0	97.7
Pamlico TC	27,496	99.9	-	100.0	100.0	100.0	98.1	0.0	-	-	-
Piedmont TC	81,905	95.2	-	99.0	100.0	100.0	99.1	100.0	-	-	100.0
Pitt CC	99,257	87.9	-	-	98.4	80.6	84.9	100.0	-	-	86.4
Randolph TC	120,438	100.0	-	-	100.0	100.0	100.0	100.0	-	-	-
Richmond TC	76,532	89.3	-	-	90.0	82.1	100.0	0.0	-	-	-
Roanoke-Cho. TC	58,112	82.5	-	-	100.0	98.0	91.5	88.7	-	-	-
Robeson TC	88,904	96.1	-	-	82.0	92.4	99.7	100.0	-	-	100.0
Rockingham CC	146,076	90.1	-	-	100.0	99.8	99.8	100.0	-	100.0	100.0
Rowan TC	142,108	98.6	-	-	92.6	99.4	84.8	100.0	-	-	-
Sampson TC	50,218	92.8	-	-	100.0	100.0	86.4	-	-	100.0	-
Sandhills CC	134,188	93.9	-	-	99.8	98.7	57.8	94.4	-	-	-
Southeastern CC	87,480	77.8	-	100.0	72.5	78.1	90.6	100.0	-	-	100.0
Southwestern TC	78,439	100.0	-	-	100.0	100.0	98.3	0.0	-	-	100.0
Stanly TC	49,353	99.0	-	100.0	100.0	100.0	99.4	-	-	-	0.0
Surry CC	114,616	90.4	-	100.0	100.0	97.3	96.4	100.0	-	-	-
TC Alamance	104,947	99.8	-	100.0	100.0	100.0	90.2	100.0	-	-	-
Tri-County CC	61,292	98.9	-	-	79.9	100.0	73.8	-	-	-	-
Vance-Granv. CC	76,117	94.2	-	100.0	100.0	96.3	43.6	100.0	-	-	-
Wake TC	159,366	88.0	-	-	98.7	87.1	73.3	62.0	-	-	66.2
Wayne CC	121,084	90.1	-	-	89.4	98.1	97.5	100.0	-	-	-
W. Piedmont CC	96,394	97.5	-	100.0	91.2	99.6	100.0	4.7	-	-	100.0
Wilkes CC	144,129	98.5	-	-	100.0	92.3	99.6	100.0	-	96.8	-
Wilson Co. TC	108,674	100.0	-	100.0	100.0	100.0	85.7	100.0	-	-	100.0
TOTAL	6,390,238	90.1	-	96.2	94.7	94.0	85.2	73.4	-	97.4	81.0

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Instruction, Research & Public Service Subprograms

Table 25a (Percentages relate to assignable space in each subprogram.)

INSTITUTION	Gen'l Acad. Instr. 11	Voc. Tech. Instr. 12	Prep. Remed. Instr. 13	Gen'l Gen'l Studies 14	Occup. Relatd Instr. 15	Social Roles Instr. 16	Home & Family Life 17	Pers. Int. Leis. Instr. 18
Major Research Universities:								
NC State	69.3	-	88.3	-	100.0	-	-	-
NC State Vet.	73.7	-	-	-	-	-	-	-
UNC-Chapel Hill	74.1	-	0.0	100.0	100.0	-	-	-
UNC-Health Aff.	84.1	-	100.0	51.9	100.0	-	-	-
SUBTOTAL	73.4	-	78.5	66.7	100.0	-	-	-
Other Doctoral Universities:								
UNC-Greensboro	83.2	-	11.7	-	-	-	-	-
Comprehensive Universities:								
Appalachian	68.7	-	-	55.0	-	-	-	-
East Carolina	69.5	-	-	-	-	-	-	-
ECU-Health Aff.	95.3	-	-	-	-	-	-	-
Fayetteville	62.7	-	-	100.0	-	-	-	-
NC A & T	56.5	-	100.0	0.0	-	-	-	-
NC Central	64.0	-	6.4	-	-	-	-	-
UNC-Charlotte	98.4	-	-	-	-	-	-	-
UNC-Wilmington	82.2	-	-	-	0.0	-	-	-
West'n Carolina	84.4	-	100.0	-	100.0	100.0	-	-
SUBTOTAL	75.3	-	26.4	56.7	28.0	100.0	-	-
Gen. Baccalaureate Universities:								
Elizabeth City	74.8	-	0.0	-	-	-	-	-
Pembroke	78.9	-	0.0	-	-	-	-	-
UNC-Asheville	66.7	-	-	-	-	-	-	-
Winston-Salem	64.4	-	83.9	-	-	-	-	-
SUBTOTAL	71.5	-	43.6	-	-	-	-	-

Instruction, Research & Public Service Subprograms

Table 25a (Percentages relate to assignable space in each subprogram.)

Inst. & Res. Ctrs. 21	Indiv. Project Res. 22	Direct Patient Care 31	Health Care Svc. 32	Community Svc. 33	Coop. Exten. Svc. 34	Public Broad Svc. 35	INSTITUTION
							Major Research Universities:
-	67.5	-	-	93.2	34.0	-	NC State
-	96.3	99.6	100.0	-	-	-	NC State Vet.
74.2	86.8	-	-	75.8	-	0.0	UNC-Chapel Hill
61.6	85.2	96.3	98.7	48.3	-	-	UNC-Health Aff.
66.8	77.3	97.7	99.3	85.1	34.0	0.0	SUBTOTAL
							Other Doctoral Universities:
-	99.3	-	-	-	0.0	-	UNC-Greensboro
							Comprehensive Universities:
-	86.6	-	-	76.4	-	-	Appalachian
-	82.9	-	-	100.0	-	-	East Carolina
-	100.0	100.0	100.0	100.0	-	-	ECU-Health Aff.
-	60.1	-	-	0.0	-	100.0	Fayetteville
100.0	52.5	-	-	0.0	18.2	-	NC A & T
0.0	0.0	-	-	100.0	-	-	NC Central
100.0	100.0	-	-	-	-	-	UNC-Charlotte
0.0	100.0	-	-	-	-	-	UNC-Wilmington
-	98.5	-	-	100.0	-	-	West'n Carolina
34.3	78.6	100.0	100.0	78.6	18.2	100.0	SUBTOTAL
							Gen. Baccalaureate Universities:
-	-	-	-	100.0	-	-	Elizabeth City
-	-	-	-	100.0	-	-	Pembroke
100.0	100.0	-	-	100.0	-	-	UNC-Asheville
-	25.1	-	-	80.5	-	-	Winston-Salem
100.0	43.7	-	-	99.4	-	-	SUBTOTAL

Instruction, Research & Public Service Subprograms

Table 25a (Percentages relate to assignable space in each subprogram.)

INSTITUTION	Gen'l Acad. Instr. 11	Voc. Tech. Instr. 12	Prep. Remed. Instr. 13	Gen'l Studies 14	Occup. Relatd Instr. 15	Social Roles Instr. 16	Home & Family Life 17	Pers. Int. Leis. Instr. 18
Specialized Institution:								
NC Sch. of Arts	88.9	-	-	-	-	-	-	-
Teaching Hospital:								
NC Mem. Hosp.	-	-	-	-	-	-	-	-
Technical and Community Colleges:								
SUBTOTAL	91.3	90.6	86.4	78.2	87.3	88.9	91.9	77.5
PRIVATE INSTITUTIONS								
Major Research Universities:								
SUBTOTAL	75.8	100.0	5.6	96.1	12.2	-	-	10.3
Gen. Baccalaureate Colleges:								
SUBTOTAL	52.7	0.0	18.9	86.3	0.0	0.0	-	-
Junior Colleges:								
SUBTOTAL	61.0	-	85.9	-	-	-	-	-
GRAND TOTAL	70.6	90.6	60.0	71.9	80.2	90.1	91.9	76.1

Instruction, Research & Public Service Subprograms

Table 25a (Percentages relate to assignable space in each subprogram.)

Inst. & Res. Ctrs. 21	Indiv. Project Res. 22	Direct Patient Care 31	Health Care Svc. 32	Community Svc. 33	Coop. Exten. Svc. 34	Public Broad Svc. 35	INSTITUTION
							Specialized Institution:
-	-	-	-	100.0	-	-	NC Sch. of Arts
							Teaching Hospital:
-	100.0	97.0	89.0	-	-	-	NC Mem. Hosp.
							Technical and Community Colleges:
-	-	-	-	96.0	100.0	100.0	SUBTOTAL
							PRIVATE INSTITUTIONS
							Major Research Universities:
0.0	70.7	99.0	82.5	40.8	-	100.0	SUBTOTAL
							Gen. Baccalaureate Colleges:
-	51.5	-	-	24.3	-	-	SUBTOTAL
							Junior Colleges:
-	-	-	-	0.0	-	-	SUBTOTAL
57.3	75.2	98.2	85.8	83.2	33.8	16.1	GRAND TOTAL

Instruction, Research & Public Service Subprograms

Table 25a (Percentages relate to assignable space in each subprogram.)

INSTITUTION	Gen'l Acad. Instr. 11	Voc. Tech. Instr. 12	Prep. Remed. Instr. 13	Gen'l Studies 14	Occup. Relatd Instr. 15	Social Roles Instr. 16	Home & Family Life 17	Pers. Int. Leis. Instr. 18	Community Svc. 33
Technical and Community Colleges:									
Anson TC	-	78.7	0.0	100.0	74.2	-	-	-	-
Ashev'le-Bun. TC	-	72.0	100.0	40.2	100.0	-	-	-	-
Beaufort Co. CC	100.0	90.8	-	85.7	-	-	-	-	-
Bladen TC	-	94.1	-	100.0	-	100.0	100.0	-	-
Blue Ridge TC	-	99.2	-	100.0	100.0	-	-	-	-
Brunswick TC	-	71.2	-	-	100.0	-	100.0	-	-
Caldwell CC & TI	73.6	88.9	100.0	-	-	-	-	-	100.0
Cape Fear TI	100.0	93.1	-	86.1	100.0	-	-	0.0	100.0
Carteret TC	-	93.7	0.0	100.0	30.2	-	100.0	0.0	0.0
Catawba Vy. TC	-	65.6	100.0	100.0	-	-	-	100.0	-
C. Carolina TC	-	97.0	-	100.0	100.0	-	-	-	-
C. Piedmont CC	97.2	91.3	100.0	-	100.0	-	-	-	100.0
Cleveland TC	-	95.6	-	100.0	93.5	-	-	-	-
Coastal Car. CC	100.0	100.0	100.0	100.0	100.0	-	100.0	-	-
Col. Albemarle	100.0	99.8	100.0	100.0	100.0	-	-	-	100.0
Craven CC**	100.0	99.0	100.0	100.0	-	-	-	-	-
Davidson Co. CC	100.0	100.0	100.0	100.0	-	-	-	-	-
Durham TI	-	100.0	100.0	100.0	3.1	0.0	-	-	37.0
Edgecombe TC	-	72.4	-	74.1	-	-	-	-	-
Fayettev'le TI	-	91.5	-	100.0	100.0	-	-	-	-
Forsyth TC	-	96.8	100.0	100.0	100.0	-	100.0	100.0	100.0
Gaston Col.	90.9	97.8	100.0	100.0	100.0	-	-	-	100.0
Guilford TCC	100.0	60.9	100.0	19.2	83.7	100.0	-	54.0	100.0
Halifax CC	94.5	99.8	52.4	-	100.0	-	-	100.0	-
Haywood TC	-	82.2	-	100.0	92.0	-	-	100.0	-
Isothermal CC**	92.6	93.7	100.0	56.6	33.5	-	100.0	49.8	-
J. Sprunt TC	-	94.0	100.0	27.0	-	-	-	-	-
Johnston TC	-	99.6	-	100.0	-	-	-	-	-
Lenoir CC*	97.2	98.1	-	91.0	100.0	-	17.9	-	-
Martin CC*	100.0	98.8	-	100.0	-	-	100.0	-	-

*34 (Coop. Exten. Svc.): Lenoir CC - 100.0, Martin CC - 100.0, Vance-Granville CC - 100.0, Subtotal 100.0

Instruction, Research & Public Service Subprograms

Table 25a (Percentages relate to assignable space in each subprogram.)

INSTITUTION	Gen'l Acad. Instr. 11	Voc. Tech. Instr. 12	Prep. Remed. Instr. 13	Gen'l Studies 14	Occup. Relatd Instr. 15	Social Roles Instr. 16	Home & Family Life 17	Pers. Int. Leis. Instr. 18	Community Svc. 33
Technical and Community Colleges:									
Mayland TC	-	99.6	-	24.2	-	-	-	-	-
McDowell TC	-	87.8	0.0	0.0	100.0	-	-	-	-
Mitchell CC	68.6	100.0	100.0	75.2	100.0	-	-	-	-
Montgomery TC	-	99.6	-	-	-	-	-	-	-
Nash TC	-	78.4	28.4	100.0	100.0	-	100.0	100.0	-
Pamlico TC	-	99.9	-	-	-	-	-	-	100.0
Piedmont TC	-	94.8	100.0	100.0	100.0	-	100.0	-	99.0
Pitt CC	90.2	88.9	0.0	62.3	-	-	-	-	-
Randolph TC	-	100.0	-	100.0	100.0	-	-	-	-
Richmond TC	-	90.6	100.0	74.9	29.1	-	-	-	-
Roanoke-Cho. TC	-	81.1	-	100.0	-	-	-	-	-
Robeson TC	-	96.1	-	100.0	-	-	-	-	-
Rockingham CC	86.0	94.9	-	100.0	100.0	-	-	-	-
Rowan TC	-	98.6	-	-	100.0	-	-	-	-
Sampson TC	-	91.5	-	100.0	-	-	-	-	-
Sandhills CC	92.4	96.9	100.0	57.6	0.0	-	-	-	-
Southeastern CC	94.7	75.3	0.0	86.3	-	-	-	-	100.0
Southwestern TC	-	100.0	-	-	-	-	-	100.0	-
Stanly TC**	-	99.0	-	-	100.0	-	-	-	-
Surry CC	80.0	94.9	100.0	-	100.0	-	-	-	100.0
TC Alamance	-	99.7	-	100.0	100.0	-	-	-	100.0
Tri-County CC	100.0	99.9	-	91.4	-	-	100.0	0.0	-
Vance-Granv. CC*	100.0	93.2	100.0	100.0	100.0	-	-	-	100.0
Wake TC	-	89.1	100.0	100.0	42.7	-	-	-	-
Wayne CC	58.9	96.2	100.0	71.7	-	-	-	-	-
W. Piedmont CC	97.0	99.3	-	86.4	100.0	-	-	-	100.0
Wilkes CC	100.0	97.8	-	100.0	-	-	-	-	-
Wilson Co. TC	-	100.0	100.0	-	100.0	-	100.0	-	100.0
TOTAL	91.3	90.6	86.4	78.2	87.3	88.9	91.9	77.5	96.0

**35 (Public Broad. Svc.): Craven CC - 100.0, Isothermal CC - 100.0, Stanly TC - 100.0, Subtotal - 100.0

Academic Support
Subprograms

Table 25b (Percentages relate to assignable space in each subprogram.)

INSTITUTION	Libr. Svcs. 41	Museum & Galleries 42	Educ. Media Svcs. 43	Acad. Comput. Spt. 44	Ancil-lary Spt. 45	Acad. Admin. 46	Course & Curr. Devel. 47	Acad. Pers. Dev. 48
Major Research Universities:								
NC State	98.3	-	86.0	78.7	0.0	62.9	-	-
NC State Vet.	97.2	-	85.3	-	-	100.0	-	-
UNC-Chapel Hill	76.6	97.5	96.5	68.7	0.0	59.1	-	100.0
UNC-Health Aff.	100.0	-	100.0	100.0	0.0	76.3	98.6	-
SUBTOTAL	84.0	97.5	91.6	76.3	0.0	67.6	98.6	100.0
Other Doctoral Universities:								
UNC-Greensboro	99.7	100.0	100.0	100.0	88.7	0.0	-	-
Comprehensive Universities:								
Appalachian	100.0	100.0	100.0	92.4	25.1	75.0	-	-
East Carolina	100.0	100.0	100.0	-	100.0	86.2	-	-
ECU-Health Aff.	100.0	-	100.0	-	100.0	99.6	-	-
Fayetteville	100.0	85.3	0.0	100.0	0.0	87.9	-	-
NC A & T	100.0	78.6	100.0	100.0	55.2	58.8	-	-
NC Central	100.0	76.6	84.7	28.5	33.0	55.5	-	-
UNC-Charlotte	100.0	100.0	100.0	-	-	99.9	-	-
UNC-Wilmington	94.1	-	-	82.6	-	68.8	-	100.0
West'n Carolina	100.0	100.0	100.0	100.0	97.1	92.2	-	-
SUBTOTAL	99.6	94.0	86.7	74.6	76.1	78.7	-	100.0
Gen. Baccalaureate Universities:								
Elizabeth City	100.0	100.0	100.0	100.0	90.4	93.7	-	-
Pembroke	0.0	100.0	100.0	-	-	64.3	-	-
UNC-Asheville	100.0	100.0	100.0	92.6	-	84.2	-	-
Winston-Salem	12.0	0.0	95.1	100.0	16.2	41.2	-	-
SUBTOTAL	61.4	72.0	99.1	98.0	68.0	58.6	-	-

Academic Support
Subprograms

Table 25b (Percentages relate to assignable space in each subprogram.)

INSTITUTION	Libr. Svcs. 41	Museum & Galleries 42	Educ. Media Svcs. 43	Acad. Comput. Spt. 44	Ancil-lary Spt. 45	Acad. Admin. 46	Course & Curr. Devel. 47	Acad. Pers. Dev. 48
Specialized Institution:								
NC Sch. of Arts	100.0	50.4	100.0	100.0	-	80.6	-	-
Teaching Hospital:								
NC Mem. Hosp.	-	-	-	-	-	-	-	-
Technical and Community Colleges:								
SUBTOTAL	96.0	97.8	92.9	100.0	89.1	90.5	100.0	100.0
PRIVATE INSTITUTIONS								
Major Research Universities:								
SUBTOTAL	93.4	46.4	88.8	74.9	69.7	79.0	-	100.0
Gen. Baccalaureate Colleges:								
SUBTOTAL	75.4	84.3	71.8	59.9	23.6	51.0	-	0.0
Junior Colleges:								
SUBTOTAL	78.5	0.0	100.0	59.0	-	46.4	-	-
GRAND TOTAL	88.6	82.6	89.1	79.2	72.3	73.6	99.1	94.7

Academic Support
Subprograms

Table 25b (Percentages relate to assignable space in each subprogram.)

INSTITUTION	Libr. Svcs. 41	Museum & Galleries 42	Educ. Media Svcs. 43	Acad. Comput. Spt. 44	Ancil-lary Spt. 45	Acad. Admin. 46	Course & Curr. Devel. 47	Acad. Pers. Dev. 48
Technical and Community Colleges:								
Anson TC	100.0	-	100.0	-	-	20.7	-	-
Ashev'le-Bun. TC	100.0	-	100.0	-	-	38.4	-	-
Beaufort Co. CC	100.0	-	100.0	-	-	40.4	-	-
Bladen TC	100.0	-	100.0	-	-	100.0	-	-
Blue Ridge TC	100.0	-	100.0	-	-	100.0	-	-
Brunswick TC	100.0	-	-	-	-	100.0	-	-
Caldwell CC & TI	100.0	-	100.0	-	-	100.0	-	-
Cape Fear TI	100.0	-	100.0	-	-	100.0	-	-
Carteret TC	100.0	-	100.0	-	-	37.9	100.0	-
Catawba Vy. TC	100.0	100.0	100.0	-	-	100.0	-	-
C. Carolina TC	97.3	-	100.0	-	-	100.0	-	-
C. Piedmont CC	99.9	100.0	88.2	-	59.8	100.0	100.0	100.0
Cleveland TC	100.0	100.0	100.0	-	-	100.0	-	-
Coastal Car. CC	100.0	100.0	100.0	-	-	100.0	-	-
Col. Albemarle	100.0	100.0	100.0	-	-	100.0	-	-
Craven CC	100.0	-	100.0	-	-	100.0	-	-
Davidson Co. CC	98.5	-	100.0	100.0	100.0	100.0	-	-
Durham TI	100.0	-	100.0	-	-	100.0	-	100.0
Edgecombe TC	63.2	-	83.5	100.0	-	91.8	100.0	-
Fayettev'le TI	98.2	-	90.0	-	-	97.1	-	-
Forsyth TC	100.0	-	84.0	100.0	-	100.0	-	-
Gaston Col.	100.0	100.0	100.0	100.0	41.1	100.0	-	-
Guilford TCC	89.8	-	100.0	-	95.7	94.9	100.0	-
Halifax CC	100.0	-	-	-	-	100.0	-	-
Haywood TC	100.0	-	50.4	-	100.0	100.0	-	-
Isothermal CC	0.0	-	100.0	-	-	100.0	-	-
J. Sprunt TC	100.0	-	0.0	-	-	100.0	-	100.0
Johnston TC	100.0	-	100.0	-	-	100.0	-	-
Lenoir CC	99.7	-	-	-	-	86.8	-	-
Martin CC	100.0	-	-	-	-	88.5	-	-

Academic Support Subprograms

Table 25b

(Percentages relate to assignable space in each subprogram.)

INSTITUTION	Libr. Svcs. 41	Museum & Galleries 42	Educ. Media Svcs. 43	Acad. Comput. Spt. 44	Ancil-lary Spt. 45	Acad. Admin. 46	Course & Curr. Devel. 47	Acad. Pers. Dev. 48
Technical and Community Colleges:								
Mayland TC	100.0	-	-	-	-	100.0	-	-
McDowell TC	100.0	100.0	-	-	-	100.0	-	-
Mitchell CC	99.7	83.9	100.0	-	-	41.2	-	-
Montgomery TC	100.0	-	-	-	93.7	100.0	-	-
Nash TC	90.7	-	-	-	-	100.0	-	-
Pamlico TC	100.0	-	100.0	-	-	100.0	-	-
Piedmont TC	100.0	-	100.0	100.0	100.0	100.0	-	-
Pitt CC	100.0	100.0	100.0	-	95.6	100.0	-	-
Randolph TC	100.0	-	100.0	-	-	100.0	-	-
Richmond TC	89.2	-	100.0	-	-	100.0	-	-
Roanoke-Cho. TC	100.0	-	-	-	-	100.0	-	-
Robeson TC	74.8	-	100.0	-	-	100.0	-	-
Rockingham CC	100.0	100.0	100.0	-	-	100.0	-	-
Rowan TC	100.0	-	100.0	-	-	43.0	-	-
Sampson TC	100.0	-	-	-	-	100.0	-	-
Sandhills CC	99.7	-	100.0	-	-	100.0	-	-
Southeastern CC	67.0	-	100.0	100.0	-	100.0	-	-
Southwestern TC	100.0	-	100.0	-	-	100.0	-	-
Stanly TC	100.0	-	-	-	-	100.0	-	-
Surry CC	100.0	-	100.0	-	-	100.0	-	-
TC Alamance	100.0	-	100.0	-	100.0	100.0	-	-
Tri-County CC	78.6	-	-	-	-	100.0	-	-
Vance-Granv. CC	100.0	-	-	100.0	100.0	100.0	-	-
Wake TC	100.0	-	94.6	100.0	-	100.0	-	-
Wayne CC	92.6	-	65.8	-	-	100.0	-	-
W. Piedmont CC	100.0	-	52.3	-	-	100.0	-	-
Wilkes CC	100.0	100.0	100.0	-	100.0	100.0	-	-
Wilson Co. TC	100.0	-	100.0	-	100.0	100.0	-	-
TOTAL	96.0	97.8	92.9	100.0	89.1	90.5	100.0	100.0

Student Service and Physical Plant Operations Subprograms

Table 25c

(Percentages relate to assignable space in each subprogram.)

INSTITUTION	Stud. Svc. Admin. 51	Social/ Cultur. Devel. 52	Coun/ Career Guid. 53	Finan. Aid Admin. 54	Student Auxiliary Service 55	Inter-colleg. Athl. 56	Stud. Health/ Med. Svc. 57	Physical Plant Admin. 71	Build-ing Maint. 72	Custo-dial Svcs. 73	Util-ities 74	Landscp. Grounds Maint. 75
Major Research Universities:												
NC State	100.0	84.5	100.0	0.0	33.6	62.7	98.2	64.2	94.4	19.6	13.1	21.2
NC State Vet.	-	100.0	-	-	90.3	-	-	-	100.0	100.0	-	-
UNC-Chapel Hill	0.0	81.6	60.5	0.0	14.3	70.1	96.0	100.0	82.1	63.2	59.2	95.1
UNC-Health Aff.	100.0	100.0	100.0	100.0	100.0	-	-	-	-	89.1	-	-
SUBTOTAL	45.4	83.2	76.3	5.9	25.1	66.1	96.6	75.0	88.6	68.2	38.1	75.9
Other Doctoral Universities:												
UNC-Greensboro	89.2	66.9	47.2	92.4	22.4	-	97.7	86.8	100.0	-	93.8	-
Comprehensive Universities:												
Appalachian	32.4	72.1	94.3	100.0	19.4	82.3	99.6	50.5	67.2	100.0	100.0	-
East Carolina	0.0	46.4	7.6	80.9	6.6	47.0	-	13.5	72.2	0.0	-	-
ECU-Health Aff.	-	-	-	-	-	-	44.7	100.0	9.1	-	-	-
Fayetteville	100.0	36.7	100.0	100.0	6.8	37.1	0.0	0.0	0.0	-	-	100.0
NC A & T	100.0	67.3	100.0	57.4	10.6	28.4	100.0	100.0	82.8	100.0	0.0	100.0
NC Central	0.0	43.5	0.0	0.0	10.1	0.0	0.0	0.0	0.0	0.0	-	0.0
UNC-Charlotte	100.0	94.7	100.0	100.0	62.1	93.9	92.2	100.0	100.0	100.0	-	-
UNC-Wilmington	97.8	74.4	94.4	100.0	11.1	50.3	99.5	80.3	76.0	-	100.0	-
West'n Carolina	100.0	95.1	97.0	100.0	35.9	69.3	41.6	42.6	39.2	100.0	-	-
SUBTOTAL	65.3	66.2	72.2	74.2	22.6	43.9	68.3	51.1	54.7	65.0	89.5	83.5
Gen. Baccalaureate Universities:												
Elizabeth City	100.0	92.5	100.0	100.0	28.1	92.4	0.0	100.0	100.0	-	-	-
Pembroke	100.0	73.1	93.9	100.0	17.9	100.0	89.7	68.0	100.0	71.0	-	100.0
UNC-Asheville	100.0	76.0	100.0	0.0	66.1	0.0	0.0	100.0	100.0	-	100.0	100.0
Winston-Salem	0.0	98.1	9.7	0.0	32.1	69.1	0.0	98.7	91.9	-	100.0	-
SUBTOTAL	71.1	83.4	70.3	50.2	33.6	61.2	20.4	90.8	96.8	71.0	100.0	100.0
Specialized Institution:												
NC Sch. of Arts	0.0	69.8	0.0	-	1.7	-	0.0	97.0	100.0	-	-	-
Teaching Hospital:												
NC Mem. Hosp.	-	-	-	-	-	-	-	51.1	46.7	-	100.0	-
Technical and Community Colleges:												
SUBTOTAL	95.2	90.2	92.2	87.3	97.3	100.0	99.0	69.8	71.4	93.3	100.0	85.3
PRIVATE INSTITUTIONS												
Major Research Universities:												
SUBTOTAL	69.5	75.9	30.9	75.3	20.2	78.0	97.4	57.0	36.7	84.0	18.7	0.0
Gen. Baccalaureate Colleges:												
SUBTOTAL	41.2	48.1	25.3	28.5	23.0	66.5	46.7	50.2	33.0	10.4	70.4	21.2
Junior Colleges:												
SUBTOTAL	81.7	66.9	72.5	40.0	31.2	58.6	44.7	38.2	64.9	37.4	0.0	100.0
GRAND TOTAL	69.3	66.1	70.3	56.4	25.4	64.1	67.2	61.1	56.7	61.4	44.6	63.6

Student Service and Physical Plant Operations Subprograms

Table 25c

(Percentages relate to assignable space in each subprogram.)

INSTITUTION	Stud. Svc. Admin. 51	Social/ Cultur. Devel. 52	Coun/ Career Guid. 53	Finan. Aid Admin. 54	Student Auxiliary Service 55	Inter-colleg. Athl. 56	Stud. Health/ Med. Svc. 57	Physical Plant Admin. 71	Build-ing Maint. 72	Custo-dial Svcs. 73	Util-ities 74	Landscp. Grounds Maint. 75
Technical and Community Colleges:												
Anson TC	100.0	92.0	-	100.0	100.0	-	-	-	100.0	-	-	-
Ashev'le-Bun. TC	100.0	100.0	100.0	100.0	100.0	-	-	93.3	100.0	100.0	-	100.0
Beaufort Co. CC	100.0	72.1	100.0	100.0	100.0	-	-	-	100.0	-	-	-
Bladen TC	100.0	100.0	100.0	-	100.0	-	-	-	100.0	-	-	-
Blue Ridge TC	100.0	99.2	100.0	100.0	100.0	-	-	-	100.0	-	-	100.0
Brunswick TC	100.0	-	100.0	100.0	88.3	-	-	-	100.0	-	-	-
Caldwell CC & TI	100.0	100.0	69.7	100.0	100.0	-	-	100.0	100.0	-	-	100.0
Cape Fear TI	100.0	100.0	100.0	100.0	78.8	-	-	-	-	-	-	-
Carteret TC	100.0	76.9	100.0	100.0	100.0	-	-	100.0	0.0	-	-	-
Catawba Vy. TC	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
C. Carolina TC	100.0	100.0	100.0	100.0	100.0	-	45.7	89.9	-	-	-	-
C. Piedmont TC	100.0	100.0	100.0	100.0	100.0	-	-	0.0	0.0	0.0	-	0.0
Cleveland TC	100.0	100.0	100.0	100.0	100.0	-	-	100.0	33.2	-	-	100.0
Coastal Car. CC	100.0	100.0	100.0	100.0	100.0	-	-	-	100.0	-	-	-
Col. Albemarle	100.0	100.0	100.0	100.0	100.0	-	-	-	100.0	-	-	-
Craven CC	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
Davidson Co. CC	100.0	95.6	100.0	100.0	100.0	-	100.0	100.0	100.0	-	-	-
Durham TI	100.0	49.7	100.0	-	100.0	-	-	100.0	98.8	100.0	-	0.0
Edgecombe TC	100.0	100.0	59.0	0.0	100.0	-	-	-	80.4	-	-	-
Fayettev'le TI	100.0	93.0	100.0	-	100.0	-	100.0	-	0.0	100.0	-	-
Forsyth TC	-	100.0	100.0	100.0	98.0	-	-	100.0	100.0	-	-	-
Gaston Col.	100.0	89.3	100.0	100.0	98.8	-	100.0	-	100.0	-	-	-
Guilford TCC	89.7	83.0	69.2	100.0	86.8	-	-	-	6.1	-	-	-
Halifax CC	100.0	100.0	100.0	100.0	100.0	-	-	100.0	78.1	-	-	-
Haywood TC	100.0	100.0	100.0	100.0	100.0	-	-	100.0	100.0	100.0	-	100.0
Isothermal CC	100.0	44.3	100.0	-	95.4	-	-	100.0	100.0	100.0	-	-
J. Sprunt TC	74.4	84.5	100.0	100.0	100.0	-	-	-	65.3	-	-	-
Johnston TC	100.0	100.0	100.0	100.0	100.0	-	-	-	-	100.0	-	-
Lenoir CC	100.0	100.0	100.0	100.0	96.1	100.0	-	-	100.0	-	-	100.0
Martin CC	53.7	100.0	100.0	100.0	100.0	-	-	26.7	100.0	-	-	-
Mayland TC	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
McDowell TC	100.0	-	100.0	100.0	95.8	-	-	-	100.0	-	-	100.0
Mitchell CC	100.0	22.7	69.9	100.0	89.2	-	-	-	0.0	-	-	-
Montgomery TC	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
Nash TC	100.0	0.0	80.5	100.0	100.0	-	-	100.0	100.0	-	-	-
Pamlico TC	100.0	-	100.0	-	100.0	-	-	-	0.0	-	-	-
Piedmont TC	100.0	100.0	-	-	100.0	-	-	-	100.0	-	-	-
Pitt CC	32.0	-	100.0	29.7	100.0	-	-	-	100.0	100.0	-	-
Randolph TC	100.0	100.0	100.0	100.0	100.0	-	-	-	100.0	-	-	-
Richmond TC	100.0	100.0	100.0	100.0	80.1	-	100.0	-	0.0	-	-	-
Roanoke-Cho. TC	100.0	100.0	100.0	100.0	96.6	-	-	-	0.0	0.0	-	100.0
Robeson TC	100.0	87.2	100.0	100.0	100.0	-	-	-	100.0	-	-	-
Rockingham CC	100.0	100.0	100.0	100.0	99.3	-	-	100.0	100.0	-	-	100.0
Rowan TC	100.0	-	100.0	100.0	99.4	-	-	-	100.0	-	-	-
Sampson TC	100.0	-	100.0	100.0	100.0	-	-	-	-	-	-	-
Sandhills CC	100.0	87.4	100.0	100.0	99.9	-	-	-	96.3	56.7	100.0	-
Southeastern CC	100.0	92.7	0.0	0.0	100.0	-	-	100.0	100.0	-	-	-
Southwestern TC	100.0	100.0	100.0	100.0	100.0	-	-	-	0.0	-	-	-
Stanly TC	100.0	100.0	100.0	-	100.0	-	-	-	-	-	-	-
Surry CC	100.0	89.3	100.0	100.0	100.0	-	-	100.0	100.0	-	-	-
TC Alamance	100.0	100.0	100.0	100.0	100.0	-	-	100.0	100.0	-	-	-
Tri-County CC	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
Vance-Granv. CC	100.0	100.0	95.0	-	96.8	-	-	-	100.0	-	-	-
Wake TC	100.0	80.6	96.6	100.0	85.7	-	100.0	100.0	58.3	-	-	100.0
Wayne CC	100.0	100.0	100.0	100.0	95.5	-	100.0	-	100.0	-	-	-
W. Piedmont CC	95.0	100.0	100.0	100.0	100.0	-	100.0	100.0	0.0	-	-	0.0
Wilkes CC	100.0	91.0	100.0	100.0	100.0	-	-	100.0	100.0	100.0	-	-
Wilson Co. TC	100.0	100.0	100.0	100.0	100.0	-	100.0	100.0	100.0	-	-	-
TOTAL	95.2	90.2	92.2	87.3	97.3	100.0	99.0	69.8	71.4	93.3	100.0	85.3

Institutional Administration, Independent Operations & Unassigned Subprograms

Table 25d

(Percentages relate to assignable space in each subprogram.)

INSTITUTION	Exec. Mgmt. 61	Fin. Mgmt. & Opns. 62	Gen. Adm. Log. Svc. 63	Admin. Comput. Spt. 64	Fac/Staff Aux Svcs. 65	Public Rela/ Devel. 66	Stud. Recruit. Admiss. 67	Stud. Recd. 68	Indep. Opns. Inst. 91	Indep. Opns Ext. Agency 92	Unassigned	
											Usable 01	Unusable 02
Major Research Universities:												
NC State	19.6	25.3	69.4	100.0	26.6	0.0	100.0	100.0	24.5	43.6	59.1	78.9
NC State Vet.	-	-	15.9	-	-	-	-	-	-	-	100.0	-
UNC-Chapel Hill	16.4	61.4	81.8	91.1	0.0	6.8	52.2	100.0	30.3	89.9	51.5	97.7
UNC-Health Aff.	100.0	-	100.0	-	100.0	100.0	100.0	100.0	36.2	98.3	80.3	98.7
SUBTOTAL	17.4	44.4	76.3	94.6	8.2	6.6	72.8	100.0	30.3	86.6	73.3	97.7
Other Doctoral Universities:												
UNC-Greensboro	90.5	100.0	50.7	0.0	0.0	2.7	97.0	-	-	-	0.0	2.3
Comprehensive Universities:												
Appalachian	93.6	100.0	47.2	97.0	15.2	100.0	100.0	100.0	-	100.0	86.8	80.3
East Carolina	61.0	47.9	41.3	67.5	7.2	69.4	100.0	100.0	-	-	84.7	0.0
ECU-Health Aff.	-	-	-	-	-	-	-	-	-	-	100.0	-
Fayetteville	100.0	100.0	86.7	-	21.3	100.0	100.0	100.0	0.0	0.0	16.1	-
NC A & T	78.2	91.6	88.2	100.0	34.2	91.8	100.0	100.0	-	0.0	0.0	0.0
NC Central	0.0	0.0	9.9	0.0	15.9	0.0	0.0	0.0	-	0.0	6.0	0.0
UNC-Charlotte	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	100.0
UNC-Wilmington	45.3	28.0	84.8	0.0	0.0	49.5	98.3	94.5	-	33.1	100.0	24.3
West'n Carolina	89.9	100.0	69.5	100.0	4.0	65.8	75.1	100.0	-	48.7	11.8	41.9
SUBTOTAL	74.4	78.6	61.7	65.5	16.0	71.7	84.2	91.2	0.0	34.3	28.4	55.2
Gen. Baccalaureate Universities:												
Elizabeth City	85.0	89.1	94.6	100.0	11.5	72.3	0.0	100.0	-	-	100.0	5.4
Pembroke	100.0	100.0	20.0	0.0	91.1	100.0	31.4	100.0	-	-	1.6	0.0
UNC-Asheville	26.7	29.0	60.7	100.0	30.9	95.8	100.0	94.4	-	15.0	-	98.3
Winston-Salem	0.0	0.0	14.5	-	17.4	0.0	0.0	0.0	-	100.0	6.0	100.0
SUBTOTAL	61.3	53.4	49.5	58.1	27.4	54.0	26.8	55.8	-	32.7	6.5	61.3
Specialized Institution:												
NC Sch. of Arts	27.4	100.0	84.7	-	17.6	0.0	100.0	100.0	-	100.0	100.0	100.0
Teaching Hospital:												
NC Mem. Hosp.	53.1	88.2	89.6	100.0	-	-	-	-	-	100.0	88.9	-
Technical and Community Colleges:												
SUBTOTAL	93.4	98.9	78.1	94.1	62.4	85.6	98.1	98.1	97.3	97.5	80.6	81.8
PRIVATE INSTITUTIONS												
Major Research Universities:												
SUBTOTAL	80.2	79.2	59.9	91.1	6.9	26.1	43.1	100.0	51.1	94.1	71.5	68.3
Gen. Baccalaureate Colleges:												
SUBTOTAL	40.7	46.0	33.3	39.3	8.0	22.8	37.3	47.9	0.5	49.2	9.7	0.0
Junior Colleges:												
SUBTOTAL	51.0	58.5	53.7	8.2	1.9	42.5	47.0	44.8	-	-	22.9	36.3
GRAND TOTAL	68.4	71.4	61.6	72.8	10.9	34.2	61.2	81.2	35.4	81.1	31.6	60.7

Institutional Administration,
Independent Operations & Unassigned Subprograms

Table 25d

(Percentages relate to assignable space in each subprogram.)

											Unassigned	
INSTITUTION	Exec. Mgmt. 61	Fin. Mgmt. & Opns. 62	Gen. Adm. Log. Svc. 63	Admin. Comput. Spt. 64	Fac/Staff Aux Svcs. 65	Public Rela/ Devel. 66	Stud. Recruit. Admiss. 67	Stud. Recd. 68	Indep. Opns. Inst. 91	Indep. Opns. Ext. Agency 92	Usable 01	Unusable 02
Technical and Community Colleges:												
Anson TC	100.0	100.0	100.0	0.0	-	-	-	-	-	-	100.0	-
Ashev'le-Bun. TC	5.6	100.0	64.9	0.0	63.6	-	-	100.0	-	-	0.0	0.0
Beaufort Co. CC	100.0	100.0	100.0	-	93.4	-	100.0	100.0	-	-	-	100.0
Bladen TC	98.1	100.0	74.3	100.0	100.0	100.0	-	100.0	-	-	-	100.0
Blue Ridge TC	97.1	97.5	100.0	-	-	100.0	-	100.0	-	-	-	-
Brunswick TC	100.0	100.0	100.0	-	-	100.0	-	-	-	-	100.0	0.0
Caldwell CC & TI	100.0	100.0	100.0	100.0	-	100.0	100.0	100.0	-	100.0	-	-
Cape Fear TI	100.0	100.0	98.9	100.0	100.0	-	-	100.0	-	0.0	0.0	-
Carteret TC	100.0	100.0	100.0	100.0	100.0	-	-	100.0	-	100.0	-	-
Catawba Vy. TC	100.0	100.0	23.4	-	100.0	100.0	-	100.0	-	-	100.0	-
C. Carolina TC	98.2	100.0	100.0	-	100.0	-	-	100.0	-	-	-	-
C. Piedmont TC	100.0	100.0	99.5	100.0	54.2	100.0	100.0	100.0	-	-	-	-
Cleveland TC	100.0	100.0	100.0	-	100.0	100.0	100.0	100.0	-	-	84.7	-
Coastal Car. CC	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	100.0	-
Col. Albemarle	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-
Craven CC	100.0	100.0	100.0	-	100.0	100.0	-	100.0	-	-	-	-
Davidson Co. CC	100.0	100.0	100.0	100.0	98.6	100.0	100.0	100.0	-	-	-	-
Durham TI	100.0	100.0	95.8	-	100.0	100.0	100.0	100.0	-	100.0	-	100.0
Edgecombe TC	100.0	100.0	100.0	-	100.0	-	-	100.0	-	100.0	-	-
Fayettev'le TI	100.0	100.0	44.9	85.0	100.0	100.0	100.0	89.4	-	-	-	-
Forsyth TC	99.2	100.0	100.0	-	100.0	100.0	100.0	85.8	-	-	100.0	100.0
Gaston Col.	66.4	100.0	48.5	-	100.0	100.0	100.0	100.0	-	100.0	100.0	-
Guilford TCC	98.6	83.2	45.0	100.0	23.2	100.0	100.0	100.0	100.0	-	13.6	-
Halifax CC	88.9	100.0	97.7	100.0	86.5	-	100.0	100.0	-	-	-	-
Haywood TC	100.0	100.0	100.0	100.0	100.0	-	100.0	100.0	-	100.0	100.0	-
Isothermal CC	70.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-
J. Sprunt TC	46.3	88.1	95.5	-	-	58.5	100.0	100.0	-	-	-	-
Johnston TC	93.3	100.0	99.5	100.0	19.2	-	100.0	100.0	-	-	19.9	-
Lenoir CC	100.0	100.0	100.0	-	100.0	-	100.0	100.0	-	-	-	-
Martin CC	100.0	93.5	73.1	100.0	78.6	-	-	100.0	-	47.9	-	-
Mayland TC	100.0	100.0	100.0	100.0	-	-	-	100.0	-	-	-	-
McDowell TC	94.4	98.8	94.6	-	0.0	0.0	-	100.0	-	-	-	-
Mitchell CC	100.0	100.0	59.0	100.0	100.0	0.0	100.0	100.0	-	27.2	66.4	88.1
Montgomery TC	97.3	100.0	100.0	-	-	-	100.0	100.0	-	-	-	-
Nash TC	96.5	100.0	69.0	100.0	100.0	100.0	-	100.0	-	100.0	-	97.7
Pamlico TC	100.0	94.7	100.0	-	-	-	-	100.0	-	-	-	-
Piedmont TC	97.8	100.0	100.0	100.0	100.0	100.0	-	100.0	-	-	100.0	-
Pitt CC	95.4	100.0	70.1	-	100.0	0.0	-	96.9	-	-	94.3	0.0
Randolph TC	100.0	100.0	100.0	100.0	100.0	100.0	-	100.0	-	-	-	-
Richmond TC	100.0	100.0	100.0	100.0	-	100.0	-	100.0	-	-	-	-
Roanoke-Cho. TC	98.0	100.0	83.9	100.0	100.0	100.0	-	100.0	-	-	-	-
Robeson TC	97.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	100.0	-
Rockingham CC	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	100.0	100.0	-
Rowan TC	100.0	100.0	83.7	100.0	0.0	-	100.0	100.0	-	-	-	-
Sampson TC	95.1	100.0	64.7	100.0	-	-	100.0	100.0	100.0	-	-	-
Sandhills CC	96.0	100.0	98.2	100.0	4.7	64.5	0.0	100.0	-	-	-	-
Southeastern CC	93.6	100.0	100.0	0.0	-	54.7	-	100.0	-	-	100.0	-
Southwestern TC	100.0	100.0	100.0	-	-	100.0	-	71.9	-	-	100.0	-
Stanly TC	100.0	100.0	96.8	-	-	100.0	100.0	100.0	-	-	0.0	-
Surry CC	97.3	96.5	100.0	100.0	79.6	-	100.0	100.0	-	-	-	-
TC Alamance	98.7	100.0	100.0	-	43.5	100.0	100.0	100.0	-	-	-	-
Tri-County CC	100.0	100.0	58.0	100.0	100.0	-	-	100.0	-	-	-	-
Vance-Granv. CC	100.0	100.0	20.3	-	-	100.0	100.0	96.1	-	-	-	-
Wake TC	100.0	100.0	51.0	100.0	100.0	100.0	100.0	85.2	-	-	0.0	100.0
Wayne CC	100.0	100.0	97.7	69.6	-	100.0	-	100.0	-	-	-	-
W. Piedmont CC	100.0	100.0	100.0	100.0	-	100.0	100.0	100.0	-	-	-	100.0
Wilkes CC	97.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	96.8	-	-	-
Wilson Co. TC	100.0	100.0	77.0	-	100.0	100.0	100.0	100.0	-	-	-	100.0
TOTAL	93.4	98.9	78.1	94.1	62.4	85.6	98.1	98.1	97.3	97.5	80.6	81.8

TABLE 26:
ACCESSIBLE AREA BY ROOM CODES

Table 26 indicates for each of the ten summary room codes the amount and percentage of assignable area which is accessible to mobility impaired persons. It represents an additional source of information which, when viewed in conjunction with Tables 25-25d, creates a detailed profile of the accessible space on a campus.

Although such information can be useful to campus administrators in attempting to insure that all programs are accessible to the mobility impaired, no absolute conclusions can be drawn from the data as to whether program accessibility has been achieved. It is clear, for example, that program accessibility does not require that an institution make all of its classrooms accessible. Instead, the institution can simply insure that courses taken by mobility impaired students be scheduled in rooms which are accessible to them.

Dashes in Table 26 indicate that the institution in question did not have any assignable area under the indicated summary room code. A "0" in the "Sq. Ft." column (with an accompanying "0.0" in the "%" column) indicates that the institution did have assignable area under the indicated summary room code but that none of it was accessible. The chart on page 118 lists all of the room codes which comprise the summary codes used in this table.

Accessible Area by Room Codes

Table 26

(Percentages relate to assignable space under each room code.)

INSTITUTION	Total Accessible Area		Classroom Facilities (100)		Laboratory Facilities (200)		Office Facilities (300)		Study Facilities (400)	
	Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%
Major Research Universities:										
NC State	2,437,964	57.2	170,994	80.8	581,516	70.2	519,975	68.6	155,330	93.2
NC State Vet.	195,871	87.6	7,567	98.0	43,986	88.9	30,958	98.8	12,895	97.2
UNC-Chapel Hill	2,321,754	56.0	161,477	73.7	269,579	77.6	453,405	66.0	378,488	73.3
UNC-Health Aff.	1,023,460	84.7	47,715	83.0	348,376	86.2	341,369	78.9	64,200	93.6
SUBTOTAL	5,979,049	60.8	387,753	78.2	1,243,457	76.3	1,345,707	70.5	610,913	79.9
Other Doctoral Universities:										
UNC-Greensboro	945,325	56.5	131,471	95.2	152,597	88.9	214,669	74.9	139,627	98.2
Comprehensive Universities:										
Appalachian	944,146	51.5	115,947	82.1	97,194	73.6	210,373	77.4	105,698	99.5
East Carolina	818,675	43.5	102,671	68.2	181,146	74.3	158,685	64.8	124,625	95.5
ECU-Health Aff.	382,241	94.0	33,725	100.0	137,618	99.9	104,319	98.5	37,681	99.6
Fayetteville	202,589	40.8	23,549	58.5	42,508	74.9	52,566	74.6	26,227	87.6
NC A & T	606,945	45.2	71,107	60.2	90,082	43.0	143,578	65.6	55,537	91.3
NC Central	404,617	40.0	65,879	59.1	41,790	49.7	63,721	40.1	98,007	87.1
UNC-Charlotte	1,151,722	83.8	92,841	99.3	211,399	98.5	211,353	99.9	103,669	100.0
UNC-Wilmington	355,721	51.6	46,088	89.4	55,310	78.1	82,675	69.3	41,511	98.3
West'n Carolina	908,658	63.6	81,634	86.6	124,131	93.5	164,343	87.4	119,148	100.0
SUBTOTAL	5,775,314	55.2	633,441	75.9	981,178	76.5	1,191,613	74.9	712,103	95.9
Gen. Baccalaureate Universities:										
Elizabeth City	285,026	56.9	20,475	62.0	30,627	69.3	41,780	79.0	32,084	89.1
Pembroke	237,012	54.1	37,549	78.6	29,583	84.6	45,227	78.3	5,864	20.3
UNC-Asheville	253,752	71.9	27,785	88.1	33,442	87.2	34,969	72.9	38,726	92.9
Winston-Salem	244,540	41.8	34,296	52.9	16,207	36.2	28,248	37.8	3,850	13.7
SUBTOTAL	1,020,330	54.4	120,105	67.8	109,859	67.7	150,224	64.3	80,524	59.8
Specialized Institution:										
NC Sch. of Arts	203,649	62.6	14,997	96.1	97,317	95.4	30,928	72.4	17,677	94.9
Teaching Hospital:										
NC Mem. Hosp.	522,219	90.5	-	-	160	100.0	144,249	83.0	3,773	100.0
Technical and Community Colleges:										
SUBTOTAL	6,390,238	90.2	1,130,832	90.1	2,436,911	90.6	973,293	91.7	544,517	94.9
PRIVATE INSTITUTIONS										
Major Research Universities:										
SUBTOTAL	4,198,339	61.1	181,971	77.1	642,997	79.4	1,062,865	77.1	521,190	92.0
Gen. Baccalaureate Colleges:										
SUBTOTAL	3,756,160	37.4	312,132	47.1	352,108	48.8	423,812	42.3	466,563	70.4
Junior Colleges:										
SUBTOTAL	769,408	44.5	71,008	59.7	72,945	58.2	74,325	57.3	82,452	79.2
GRAND TOTAL	29,560,031	58.6	2,983,710	75.8	6,089,529	79.2	5,611,685	71.9	3,179,339	85.6

Accessible Area by Room Codes

Table 26

(Percentages relate to assignable space under each room code.)

Special Use Facilities (500)		General Use Facilities (600)		Supporting Facilities (700)		Health Care Facilities (800)		Residential Facilities (900)		Unclassified Facilities (000)		INSTITUTION
Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%	
												Major Research Universities:
218,886	52.0	262,785	70.8	418,147	81.1	10,221	97.7	99,061	10.1	1,049	100.0	NC State
33,931	67.1	10,496	92.9	4,246	52.2	51,792	99.7	-	-	-	-	NC State Vet.
271,821	78.6	338,810	71.9	171,907	66.4	18,893	95.0	85,708	7.8	171,666	95.3	UNC-Chapel Hill
61,914	94.1	43,592	94.8	16,641	60.1	63,599	98.3	0	0.0	36,054	88.8	UNC-Health Aff.
586,552	66.4	655,683	72.9	610,941	75.4	144,505	98.3	184,769	8.9	208,769	94.1	SUBTOTAL
												Other Doctoral Universities:
42,711	61.0	170,808	61.3	34,858	72.0	10,288	96.6	46,804	10.2	1,492	2.3	UNC-Greensboro
												Comprehensive Universities:
71,850	45.3	239,910	79.3	43,042	53.0	11,921	99.6	43,516	7.0	4,695	78.4	Appalachian
100,589	67.7	112,208	61.8	30,014	54.3	-	-	8,737	1.2	0	0.0	East Carolina
19,235	62.0	8,676	92.7	10,433	65.2	30,554	86.8	-	-	-	-	ECU-Health Aff.
13,865	30.5	22,085	31.8	16,587	53.5	0	0.0	4,610	3.2	592	14.4	Fayetteville
109,711	63.4	99,859	64.8	28,887	67.0	4,702	100.0	3,482	1.0	0	0.0	NC A & T
81,179	59.5	35,505	31.7	3,034	10.1	0	0.0	14,892	5.8	610	13.0	NC Central
98,947	96.3	181,434	97.4	23,734	100.0	6,162	90.9	200,288	48.8	21,895	100.0	UNC-Charlotte
66,723	63.8	32,135	45.2	15,114	80.7	1,219	100.0	11,840	6.0	3,106	24.3	UNC-Wilmington
128,210	78.7	120,676	73.5	25,938	62.0	1,924	44.3	135,688	27.0	6,966	39.8	West'n Carolina
690,309	64.9	852,488	68.2	196,783	57.7	56,482	79.4	423,053	13.2	37,864	46.5	SUBTOTAL
												Gen. Baccalaureate Universities:
56,630	87.9	62,447	87.3	15,314	100.0	0	0.0	24,849	15.2	820	5.4	Elizabeth City
48,255	75.9	55,448	81.5	6,094	35.7	2,160	88.8	6,832	6.2	0	0.0	Pembroke
1,600	4.9	42,692	91.1	14,342	82.1	0	0.0	40,814	54.0	19,382	98.3	UNC-Asheville
59,625	92.1	61,439	81.7	11,730	63.5	0	0.0	23,239	16.8	5,906	8.1	Winston-Salem
166,110	73.7	222,026	84.9	47,480	69.5	2,160	20.0	95,734	19.6	26,108	22.7	SUBTOTAL
												Specialized Institution:
723	9.3	17,970	46.5	17,900	89.9	0	0.0	0	0.0	6,137	100.0	NC Sch. of Arts
												Teaching Hospital:
1,791	100.0	31,757	91.3	14,110	73.8	323,300	95.1	2,676	88.9	403	100.0	NC Mem. Hosp.
												Technical and Community Colleges:
355,152	88.6	630,841	94.7	261,149	74.0	2,967	99.4	772	6.0	53,804	81.5	SUBTOTAL
PRIVATE INSTITUTIONS												
												Major Research Universities:
225,867	53.2	548,935	73.4	220,391	48.7	622,526	96.0	162,359	10.2	9,238	75.1	SUBTOTAL
												Gen. Baccalaureate Colleges:
670,204	63.9	966,134	53.5	125,882	36.3	22,395	45.7	411,397	11.3	5,533	4.8	SUBTOTAL
												Junior Colleges:
112,406	64.3	196,516	63.1	34,050	55.2	5,025	47.9	113,533	17.0	7,148	29.2	SUBTOTAL
2,851,825	66.3	4,293,158	68.2	1,563,544	62.0	1,189,648	92.1	1,441,097	11.8	356,496	50.2	GRAND TOTAL

Accessible Area by Room Codes

Table 26

(Percentages relate to assignable space under each room code.)

INSTITUTION	Total Accessible Area		Classroom Facilities (100)		Laboratory Facilities (200)		Office Facilities (300)		Study Facilities (400)	
	Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%
Technical and Community Colleges:										
Anson TC	37,665	84.6	5,088	100.0	11,844	72.7	5,059	67.6	6,624	100.0
Ashev'le-Bun. TC	140,920	72.9	34,874	78.5	43,116	62.8	19,146	66.8	9,200	100.0
Beaufort Co. CC	86,723	90.9	15,158	75.9	33,827	100.0	13,376	88.4	8,491	100.0
Bladen TC	63,805	96.3	5,712	100.0	27,775	93.8	7,007	98.5	4,901	100.0
Blue Ridge TC	85,851	99.3	11,939	100.0	42,869	98.9	9,056	99.2	4,517	100.0
Brunswick TC	41,930	72.7	9,118	83.7	19,731	79.7	6,610	96.2	2,336	29.8
Caldwell CC & TI	113,202	91.8	14,324	89.6	34,009	81.4	18,898	97.7	13,005	100.0
Cape Fear TI	140,185	91.4	14,047	91.3	64,333	88.3	27,780	98.7	12,691	100.0
Carteret TC	104,980	94.6	16,488	89.6	31,832	95.4	7,782	81.1	6,367	100.0
Catawba Vy. TC	116,523	72.1	29,491	94.9	32,415	49.6	21,805	93.5	14,597	100.0
C. Carolina TC	99,153	97.6	16,210	100.0	46,259	96.4	16,055	98.1	7,868	96.9
C. Piedmont TC	395,429	92.2	80,210	96.4	143,279	89.8	74,657	96.5	36,983	100.0
Cleveland TC	113,583	95.6	19,204	91.6	46,824	96.5	18,269	98.8	13,183	100.0
Coastal Car. CC	147,036	100.0	22,909	100.0	63,967	100.0	20,264	100.0	15,624	100.0
Col. Albemarle	93,164	99.9	14,672	100.0	39,012	99.7	15,513	100.0	9,815	100.0
Craven CC	89,639	99.4	18,082	100.0	37,786	98.7	12,412	99.6	14,418	100.0
Davidson Co. CC	144,613	99.7	30,035	100.0	40,327	100.0	22,863	100.0	15,832	98.4
Durham TI	129,677	94.2	23,273	91.7	56,309	96.3	22,907	89.9	6,166	100.0
Edgecombe TC	68,100	76.8	12,733	59.5	26,022	78.7	12,000	86.6	3,568	58.4
Fayettev'le TI	203,511	90.2	51,157	98.0	69,515	91.2	37,616	90.1	11,655	98.2
Forsyth TC	278,005	98.0	56,636	100.0	94,141	95.1	38,185	99.3	19,655	100.0
Gaston Col.	179,098	92.9	35,244	93.8	78,681	96.9	28,890	93.9	9,772	100.0
Guilford TCC	259,118	66.6	49,179	70.2	76,702	54.8	45,701	87.1	30,780	90.4
Halifax CC	59,844	95.8	9,057	83.0	26,162	100.0	8,527	98.6	8,196	100.0
Haywood TC	137,554	88.1	11,965	83.1	79,325	96.5	13,901	94.0	5,866	100.0
Isothermal CC	110,812	81.8	18,727	85.7	36,931	84.1	15,282	88.8	1,432	12.3
J. Sprunt TC	69,988	90.1	9,975	91.3	33,603	96.2	13,111	77.5	4,336	100.0
Johnston TC	114,596	98.3	28,822	100.0	42,747	99.4	12,142	99.1	4,880	100.0
Lenoir CC	140,382	97.2	25,669	94.3	43,042	96.7	19,040	97.0	16,920	98.7
Martin CC	108,464	97.8	15,634	100.0	45,508	99.5	11,156	87.9	13,448	100.0
Mayland TC	34,605	98.1	6,267	95.5	14,976	99.3	6,384	96.0	3,226	100.0
McDowell TC	45,360	88.7	9,196	80.9	19,819	87.8	7,349	90.4	4,962	100.0
Mitchell CC	103,354	78.1	21,865	84.9	37,014	93.0	13,747	68.4	13,476	100.0
Montgomery TC	42,827	99.4	5,370	100.0	21,084	99.8	6,567	98.2	2,909	100.0
Nash TC	63,417	84.9	13,711	87.6	24,416	78.0	9,577	87.0	3,325	94.1
Pamlico TC	27,496	95.7	4,363	100.0	11,183	100.0	4,573	98.5	3,916	100.0
Piedmont TC	81,905	97.3	10,039	95.8	26,512	94.2	13,178	99.6	6,684	100.0
Pitt CC	99,257	88.6	21,534	83.4	43,877	96.0	13,309	68.3	5,401	100.0
Randolph TC	120,438	100.0	12,227	100.0	51,635	100.0	18,745	100.0	12,034	100.0
Richmond TC	76,532	87.7	10,498	73.5	39,019	95.5	12,351	92.9	6,246	85.0
Roanoke-Cho. TC	58,112	87.1	9,133	74.9	21,748	88.6	9,346	85.7	6,299	100.0
Robeson TC	88,904	95.4	13,239	88.5	42,711	98.4	11,451	95.8	3,844	73.3
Rockingham CC	146,076	93.4	21,619	93.5	42,856	95.1	20,668	99.5	14,622	100.0
Rowan TC	142,108	97.1	31,809	99.4	49,479	97.9	16,758	89.3	15,798	100.0
Sampson TC	50,218	93.2	8,579	88.4	23,865	98.1	9,765	97.5	4,256	100.0
Sandhills CC	134,188	91.7	21,838	96.7	45,563	97.9	22,182	88.0	11,049	100.0
Southeastern CC	87,480	78.7	13,090	59.7	33,377	91.8	8,936	50.3	6,125	69.8
Southwestern TC	78,439	96.3	15,420	100.0	28,972	100.0	12,600	98.4	9,180	100.0
Stanly TC	49,353	90.1	13,247	100.0	16,660	99.7	9,801	94.5	3,684	100.0
Surry CC	114,616	93.0	12,492	61.8	39,925	100.0	12,988	96.5	11,261	100.0
TC Alamance	104,947	99.2	20,989	100.0	45,084	99.6	13,784	99.8	7,863	100.0
Tri-County CC	61,292	95.5	11,159	97.1	35,759	99.6	5,537	95.5	4,167	81.4
Vance-Granv. CC	76,117	87.2	14,359	86.0	30,317	97.7	13,655	96.1	7,032	100.0
Wake TC	159,366	85.5	27,383	85.5	54,406	87.3	35,125	94.5	12,136	99.5
Wayne CC	121,084	91.3	26,075	93.0	52,834	90.2	21,119	90.3	6,336	92.7
W. Piedmont CC	96,394	92.7	13,962	99.6	29,962	99.9	16,211	96.0	10,442	100.0
Wilkes CC	144,129	97.1	21,326	97.1	33,648	99.8	16,553	97.6	9,588	100.0
Wilson Co. TC	108,674	98.4	14,411	100.0	52,317	100.0	16,024	97.5	5,530	100.0
TOTAL	6,390,238	90.2	1,130,832	90.1	2,436,911	90.6	973,293	91.7	544,517	94.9

Table 26

Accessible Area by Room Codes

(Percentages relate to assignable space under each room code.)

Special Use Facilities (500)		General Use Facilities (600)		Supporting Facilities (700)		Health Care Facilities (800)		Residential Facilities (900)		Unclassified Facilities (000)		INSTITUTION
Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%	
												Technical and Community Colleges:
240	100.0	4,712	100.0	2,613	100.0	-	-	-	-	1,485	100.0	Anson TC
14,151	96.6	8,203	97.7	12,230	67.9	-	-	-	-	0	0.0	Ashev'le-Bun. TC
940	100.0	10,258	82.6	2,873	100.0	-	-	-	-	1,800	100.0	Beaufort Co. CC
349	100.0	13,220	100.0	4,572	89.6	-	-	-	-	269	100.0	Bladen TC
4,492	100.0	4,652	99.3	8,326	100.0	-	-	-	-	-	-	Blue Ridge TC
-	-	1,828	91.0	384	100.0	-	-	-	-	1,923	38.9	Brunswick TC
15,088	98.8	11,259	100.0	6,619	100.0	-	-	-	-	-	-	Caldwell CC & TI
3,283	100.0	14,321	90.1	3,730	100.0	-	-	0	0.0	0	0.0	Cape Fear TI
1,275	100.0	22,458	98.2	18,778	98.5	-	-	-	-	-	-	Carteret TC
4,964	90.1	13,251	100.0	0	0.0	-	-	-	-	-	-	Catawba Vy. TC
3,474	100.0	7,633	100.0	1,638	93.2	16	45.7	-	-	-	-	C. Carolina TC
29,568	90.3	24,128	90.8	6,604	52.1	-	-	-	-	-	-	C. Piedmont CC
1,858	100.0	8,325	100.0	5,688	78.3	-	-	-	-	232	100.0	Cleveland TC
3,510	100.0	14,822	100.0	5,940	100.0	-	-	-	-	-	-	Coastal Car. CC
567	100.0	9,487	100.0	4,098	100.0	-	-	-	-	-	-	Col. Albemarle
1,797	100.0	4,250	100.0	894	100.0	-	-	-	-	-	-	Craven CC
14,793	100.0	12,431	98.5	8,216	100.0	116	100.0	-	-	-	-	Davidson Co. CC
2,740	100.0	10,263	100.0	7,379	87.1	-	-	-	-	640	100.0	Durham TI
1,860	92.9	8,849	98.7	1,962	88.3	1,106	100.0	-	-	-	-	Edgecombe TC
14,780	82.6	14,695	100.0	3,787	35.8	306	100.0	-	-	-	-	Fayettev'le TI
17,413	98.4	29,012	98.6	5,201	100.0	272	100.0	-	-	17,490	100.0	Forsyth TC
2,867	55.0	22,063	93.9	1,302	29.0	279	100.0	-	-	-	-	Gaston Col.
12,079	61.8	38,659	87.9	6,018	25.2	-	-	0	0.0	-	-	Guilford TCC
649	100.0	4,417	98.5	2,836	83.0	-	-	-	-	-	-	Halifax CC
14,464	56.8	8,610	100.0	3,190	70.2	-	-	233	100.0	-	-	Haywood TC
28,677	99.9	7,832	75.8	1,931	100.0	-	-	-	-	-	-	Isothermal CC
-	-	6,200	93.5	2,763	69.3	-	-	-	-	-	-	J. Sprunt TC
9,012	100.0	9,032	99.1	7,808	99.4	-	-	0	0.0	153	19.9	Johnston TC
20,018	99.8	9,271	97.5	6,422	100.0	-	-	-	-	-	-	Lenoir CC
4,740	100.0	12,202	100.0	5,776	88.8	-	-	-	-	-	-	Martin CC
1,204	100.0	2,325	100.0	223	100.0	-	-	-	-	-	-	Mayland TC
-	-	2,982	96.6	1,052	100.0	-	-	-	-	-	-	McDowell TC
1,192	20.7	10,791	56.6	2,037	43.5	-	-	-	-	3,232	89.3	Mitchell CC
1,419	92.3	4,206	100.0	1,272	100.0	-	-	-	-	-	-	Montgomery TC
-	-	2,912	100.0	1,166	63.0	-	-	-	-	8,310	97.7	Nash TC
465	100.0	2,114	100.0	882	43.2	-	-	-	-	-	-	Pamlico TC
9,822	100.0	12,043	98.8	3,627	100.0	-	-	-	-	-	-	Piedmont TC
5,260	96.4	5,275	100.0	2,545	100.0	-	-	-	-	2,056	86.4	Pitt CC
4,769	100.0	13,647	100.0	7,381	100.0	-	-	-	-	-	-	Randolph TC
390	100.0	7,284	84.3	644	27.9	100	100.0	-	-	-	-	Richmond TC
-	-	5,952	97.8	5,634	84.6	-	-	-	-	-	-	Roanoke-Cho. TC
155	100.0	6,319	100.0	3,965	100.0	-	-	-	-	7,220	100.0	Robeson TC
20,733	76.5	18,381	99.7	6,973	100.0	-	-	-	-	224	100.0	Rockingham CC
3,597	100.0	15,462	94.2	9,205	100.0	-	-	-	-	-	-	Rowan TC
0	0.0	2,289	100.0	1,464	68.8	-	-	-	-	-	-	Sampson TC
8,814	81.4	16,948	99.9	7,255	96.4	-	-	539	9.7	-	-	Sandhills CC
8,228	98.0	11,872	100.0	5,852	96.0	-	-	-	-	-	-	Southeastern CC
191	100.0	10,276	100.0	1,800	39.4	-	-	-	-	-	-	Southwestern TC
234	100.0	5,501	100.0	226	100.0	-	-	-	-	0	0.0	Stanly TC
17,796	100.0	14,650	97.0	5,504	100.0	-	-	-	-	-	-	Surry CC
4,548	100.0	8,746	100.0	3,933	100.0	-	-	0	0.0	-	-	TC Alamance
-	-	3,870	100.0	800	40.2	-	-	-	-	-	-	Tri-County CC
2,764	100.0	5,814	97.2	2,176	22.8	-	-	-	-	-	-	Vance-Granv. CC
3,410	93.6	16,404	86.6	9,138	50.0	328	100.0	-	-	1,036	66.2	Wake TC
1,803	76.5	10,102	97.6	2,644	94.6	171	100.0	-	-	-	-	Wayne CC
4,546	74.2	12,112	100.0	2,235	29.9	54	100.0	-	-	6,870	100.0	W. Piedmont CC
21,655	100.0	30,224	90.5	11,135	100.0	-	-	-	-	-	-	Wilkes CC
2,509	100.0	5,997	100.0	10,803	89.1	219	100.0	-	-	864	100.0	Wilson Co. TC
355,152	88.6	630,841	94.7	261,149	74.0	2,967	99.4	772	6.0	53,804	81.5	TOTAL

Institutional Index

Institution	Type*	FICE Code	County	City	Congr. Dist.*
Anson Technical College	1-3	007985	Anson	Ansonville 28007	08
Appalachian State University	1-2	002906	Watauga	Boone 28608	10
Asheville-Buncombe TC	1-3	004033	Buncombe	Asheville 28801	11
Atlantic Christian College	2-2	002908	Wilson	Wilson 27893	02
Barber-Scotia College	2-2	002909	Cabarrus	Concord 28025	08
Beaufort County CC	1-3	008558	Beaufort	Washington 27889	01
Belmont Abbey College	2-2	002910	Gaston	Belmont 28012	10
Bennett College	2-2	002911	Guilford	Greensboro 27420	06
Bladen Technical College	1-3	007987	Bladen	Dublin 28332	03
Blue Ridge Technical College	1-3	009684	Henderson	Flat Rock 28731	11
Bowman Gray Sch. of Medicine	2-2		Forsyth	Winston-Salem 27103	05
Brevard College	2-3	002912	Transylvania	Brevard 28712	11
Brunswick Technical College	1-3	029275	Brunswick	Supply 28462	07
Caldwell CC & TI	1-3	004835	Caldwell	Hudson 28638-1399	10
Campbell University	2-2	002913	Harnett	Buie's Creek 27506	03
Cape Fear Technical Institute	1-3	005320	New Hanover	Wilmington 28401	07
Carteret Technical College	1-3	008081	Carteret	Morehead City 28557	01
Catawba College	2-2	002914	Rowan	Salisbury 28144	08
Catawba Valley TC	1-3	005318	Catawba	Hickory 28601	10
Central Carolina TC	1-3	005449	Lee	Sanford 27330	03
Central Piedmont CC	1-3	002915	Mecklenburg	Charlotte 28204	09
Chowan College	2-3	002916	Hertford	Murfreesboro 27855	01
Cleveland Technical College	1-3	008082	Cleveland	Shelby 28150	10
Coastal Carolina CC	1-3	008084	Onslow	Jacksonville 28540	03
College of the Albemarle	1-3	002917	Pasquotank	Elizabeth City 27909	01
Craven Community College	1-3	008086	Craven	New Bern 28560	01
Davidson College	2-2	002918	Mecklenburg	Davidson 28036	09
Davidson County CC	1-3	002919	Davidson	Lexington 27292	06
Duke University	2-1	002920	Durham	Durham 27706	02
Duke Medical Center	2-2		Durham	Durham 27706	02
Durham Technical CC	1-3	005448	Durham	Durham 27703	02
East Carolina University	1-2	002923	Pitt	Greenville 27834	01
ECU-Health Affairs	1-1		Pitt	Greenville 27834	01
Edgecombe Technical College	1-3	008855	Edgecombe	Tarboro 27886	02
Elizabeth City State University	1-2	002926	Pasquotank	Elizabeth City 27909	01
Elon College	2-2	002927	Alamance	Elon College 27244	06
Fayetteville State University	1-2	002928	Cumberland	Fayetteville 28301	07
Fayetteville Technical Institute	1-3	007640	Cumberland	Fayetteville 28303	07
Forsyth Technical College	1-3	005317	Forsyth	Winston-Salem 27103	05
Gardner-Webb College	2-2	002929	Cleveland	Boiling Springs 28017	10
Gaston College	1-3	002973	Gaston	Dallas 28034	10
Greensboro College	2-2	002930	Guilford	Greensboro 27420	06
Guilford College	2-2	002931	Guilford	Greensboro 27410	06
Guilford Technical CC	1-3	004838	Guilford	Jamestown 27282	06
Halifax Community College	1-3	007986	Halifax	Weldon 27890	02
Haywood Technical College	1-3	008083	Haywood	Clyde 28721	11
High Point College	2-2	002933	Guilford	High Point 27262	06

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Institution	Type*	FICE Code	County	City	Congr. Dist.**
Isothermal Community College	1-3	002934	Rutherford	Spindale 28160	11
James Sprunt Community College	1-3	007687	Duplin	Kenansville 28349	03
Johnson C. Smith University	2-2	002936	Mecklenburg	Charlotte 28216	09
Johnston Technical College	1-3	009336	Johnston	Smithfield 27577	03
Lees-McRae College	2-3	002939	Avery	Banner Elk 28604	10
Lenoir Community College	1-3	002940	Lenoir	Kinston 28501	01
Lenoir-Rhyne College	2-2	002941	Catawba	Hickory 28603	10
Livingstone College	2-2	002942	Rowan	Salisbury 28144	08
Louisburg College	2-3	002943	Franklin	Louisburg 27549	04
Mars Hill College	2-2	002944	Madison	Mars Hill 28754	11
Martin Community College	1-3	007988	Martin	Williamston 27892	01
Mayland Technical College	1-3	011197	Mitchell	Spruce Pine 28777	11
McDowell Technical College	1-3	008085	McDowell	Marion 28752	11
Meredith College	2-2	002945	Wake	Raleigh 27607-5298	04
Methodist College	2-2	002946	Cumberland	Fayetteville 28301	07
Mitchell Community College	1-3	002947	Iredell	Statesville 28677	09
Montgomery Technical Institute	1-3	008087	Montgomery	Troy 27371	08
Montreat-Anderson College	2-3	002948	Buncombe	Montreat 28757	11
Mount Olive College	2-2	002949	Wayne	Mount Olive 28365	03
Nash Technical Institute	1-3	008557	Nash	Rocky Mount 27801	02
N. C. A & T State University	1-2	002905	Guilford	Greensboro 27411	06
N. C. Central University	1-2	002950	Durham	Durham 27707	02
N. C. School of the Arts	1-2	003981	Forsyth	Winston-Salem 27107	05
N. C. State University	1-1	002972	Wake	Raleigh 27650	04
NCSU Veterinary School	1-1		Wake	Raleigh 27650	04
N. C. Wesleyan College	2-2	002951	Nash	Rocky Mount 27801	02
Pamlico Technical College	1-3	007031	Pamlico	Grantsboro 28529	01
Peace College	2-3	002953	Wake	Raleigh 27604	04
Pembroke State University	1-2	002954	Robeson	Pembroke 28372	07
Pfeiffer College	2-2	002955	Stanly	Misenheimer 28109	08
Piedmont Bible College	2-2	002956	Forsyth	Winston-Salem 27101	05
Piedmont Technical College	1-3	009646	Person	Roxboro 27573	02
Pitt Community College	1-3	004062	Pitt	Greenville 27834	01
Queens College	2-2	002957	Mecklenburg	Charlotte 28274-0001	09
Randolph Technical College	1-3	005447	Randolph	Asheboro 27203	04
Richmond Technical College	1-3	005464	Richmond	Hamlet 28345	08
Roanoke-Chowan TC	1-3	008613	Hertford	Ahoskie 27910	01
Robeson Technical College	1-3	008612	Robeson	Lumberton 28358	07
Rockingham Community College	1-3	002958	Rockingham	Wentworth 27375	05
Rowan Technical College	1-3	005754	Rowan	Salisbury 28144	08
Sacred Heart College	2-2	002959	Gaston	Belmont 28012	10
Saint Andrews Presbyterian C.	2-2	002967	Scotland	Laurinburg 28352	08
Saint Augustine's College	2-2	002968	Wake	Raleigh 27611	04
Saint Mary's College	2-3	002969	Wake	Raleigh 27603-1689	04
Salem College	2-2	002960	Forsyth	Winston-Salem 27108	05
Sampson Technical College	1-3	007892	Sampson	Clinton 28328	03
Sandhills Community College	1-3	002961	Moore	Southern Pines 28327	03
Shaw University	2-2	002962	Wake	Raleigh 27602	04
Southeastern Community College	1-3	002964	Columbus	Whiteville 28472	07
Southwestern Technical College	1-3	008466	Jackson	Sylva 28779	11
Stanly Technical College	1-3	011194	Stanly	Albemarle 28001	08

Institution	Type*	FICE Code	County	City	Congr. Dist.**
Surry Community College	1-3	002970	Surry	Dobson 27017	05
TC of Alamance	1-3	005463	Alamance	Haw River 27258	06
Tri-County Community College	1-3	009430	Cherokee	Murphy 28906	11
U. of N. C. at Asheville	1-2	002907	Buncombe	Asheville 28814	11
U. of N. C. at Chapel Hill	1-1	002974	Orange	Chapel Hill 27514	04
U. of N. C. at Charlotte	1-2	002975	Mecklenburg	Charlotte 28223	09
U. of N. C. at Greensboro	1-2	002976	Guilford	Greensboro 27412	06
U. of N. C. Health Affairs	1-1		Orange	Chapel Hill 27514	04
U. of N. C. at Wilmington	1-2	002984	New Hanover	Wilmington 28406	07
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*The Type Code in this index indicates the control and level of the institution. Controls are a "1" for public and a "2" for private institutions. The level codes, which follow the dash, are a "1" for doctoral, a "2" for baccalaureate and graduate levels less than doctoral, and a "3" for 2-year institutions.

**Based on 1980 census.

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